

**From:** Tricia Mayhew-Noel  
**Sent time:** 12/12/2018 01:15:20 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com <[REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** 12/13/18 Lab Inspection walk-through

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Dear IACUC Members;  
Tomorrow we will conduct Lab Inspections walk-through starting at 2pm in the Vivarium.

Please advise whether you're available to attend tomorrow at 2.

Additionally, you will be receiving an email for DMR Reviews, where you will be given an opportunity to object and call for a full committee meeting as necessary. Please be on the lookout for the email.

Happy Holidays and Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>  
**Sent time:** 10/25/2018 04:05:02 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** 40H06 IACUC 1651632  
**Attachments:** Carriero\_IACUC\_Protocol.pdf

---

Good afternoon,

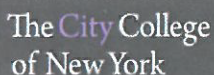
My name is Andrew Soliz and I work in the Grants and Contracts department at the Research Foundation of CUNY. I am managing an account that requires an IACUC approval, which I have received (attached). The award in mention was transferred to CCNY and then was given a new ID# (1829310). The IACUC approval I received portrays the old ID# from the award before it was transferred (#1651632). Could you please assist with informing me if there is an updated IACUC for ID#1829310, or if it is standard to proceed with an IACUC approval which portrays a pre transferred ID#?

Best regards,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
New York, NY 10036  
212-417-8433  
212-417-6433 Fax  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)  
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Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

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New York, NY 10031  
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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** October 17, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
**Add:** - Personnel – Dr. Shoshana Yakar  
- Genotyping timing  
Funding Source: NSF CAREER grant 1651632  
Species: Mouse  
Total Number of Animals approved for the three-year project (2017-2020): 540  
**Project Expires on: 07/26/2020**  
Number of Animals Approved for this period (2017-2018): 270

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/26/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

10/25/2018

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

POL 87(2)(a)  
(FERPA)

**From:** Steven Nicoll  
**Sent time:** 09/04/2018 06:14:02 PM  
**To:** John (Jack) Martin  
**Cc:** Heather Alexander; Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Amendments to Protocols 954.3A2 and 1038.A1  
**Attachments:** 1038.A1 JM approval letter Sept. 4 2018.pdf 954.3A2 JM approval letter Sept. 4 2018.pdf

---

Dear Dr. Martin,

Please find the attached IACUC letters regarding its review of the proposed amendments to the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** September 4, 2018  
**To:** John H. Martin, Ph.D., [jmartin@ccny.cuny.edu](mailto:jmartin@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1038.A1**  
Title: **Maladaptive Corticospinal Tract Plasticity**  
**Add:** - New funding Source  
Funding Source: NIH R01 NS079569, R01 NS093002; Craig H. Neilsen Foundation - Award #  
547040; Paralyzed Veterans Association #0080  
Species: Mouse  
Total number of animals approved for the three-year project (**2018-2021**): 310  
**Project Expires on: 07/27/2021**  
Number of animals approved for this period (**2018-2019**): 110

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/27/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** September 4, 2018  
**To:** John H. Martin, Ph.D., [jmartin@ccny.cuny.edu](mailto:jmartin@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **954.3A2**  
Title: **Maladaptive Corticospinal Tract Plasticity**  
**Add:** - New Funding Sources  
Funding Source: NIH R01 NS079569, R01 NS093002; Craig H. Neilsen Foundation - Award #  
547040; Paralyzed Veterans Association #0080  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 174  
**Project Expires on: 11/14/2020**  
Number of Animals Approved for this period (**2017-2018**): 100

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 11/14/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Robert Anderson  
**Sent time:** 03/04/2019 10:32:35 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Anderson 3-year protocol initial application  
**Attachments:** Anderson\_Robert\_March\_2019\_Initial Protocol Application Form 2017.docx    Anderson\_Robert\_March\_2019\_Initial Protocol Application Form 2017\_signed.pdf

---

Dear Harry and IACUC,

Please find attached my application for a new 3-year protocol. Per my conversation with Harry last week, I am sending it today for consideration at the 13 March meeting. These protocols are the same as the previous one, with slightly different numbers of individuals.

If you can confirm safe receipt, I will rest assured.

Regards,  
Robert

\*\*\*\*\*

Robert P. Anderson, Ph.D.  
Professor, Department of Biology  
526 Marshak Science Building  
City College of New York, City Univ. of New York  
160 Convent Avenue  
New York, NY 10031, USA

Telephone: (212) 650-8504  
<http://www.andersonlab.ccny.cuny.edu/>  
[randerson@ccny.cuny.edu](mailto:randerson@ccny.cuny.edu)

**From:** Harry Acosta  
**Sent time:** 03/19/2019 01:15:45 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Anderson protocol 1053

---

Hello all

As the DMR I have reviewed and approved Protocol 1053

**“ Biogeography of small non-volant mammals in the northern Neotropics”**  
belonging to Dr. Robert Anderson.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

**From:** Bingmei Fu  
**Sent time:** 05/02/2019 09:59:35 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** Animal care protocol  
**Attachments:** tDCs and BBB permeability-5-2-2019.docx ATT00001.htm 964.3 BF approval letter Apr. 27 2018.pdf ATT00002.htm

---

Hi, Steve and IACUC committee,

Please find the attached animal care protocol for the renewal of 964.3.

Thanks,

Bingmei

~~~~~  
Bingmei Fu, Ph.D.  
Professor  
Department of Biomedical Engineering  
The City College of the City University of New York  
160 Convent Ave  
New York, NY 10031  
(212)-650-7531  
[fu@ccny.cuny.edu](mailto:fu@ccny.cuny.edu)  
<https://www.ccny.cuny.edu/profiles/bingmei-fu>  
~~~~~



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** April 27, 2018  
**To:** Bingmei Fu, Ph.D., [fu@ccny.cuny.edu](mailto:fu@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
 Protocol No.: **964.3**  
 Title: **The Coupled Vascular Hypothesis for Transcranial Direct Current Stimulation (tDCS)**  
 Funding Source: NIH 1 R01 NS101362-01  
 Species: Rat  
 Total number of animals approved for the three-year project (**2018-2021**): 300  
**Project Expires on: 04/27/2021**  
 Number of animals approved for this period (**2018-2019**): 100

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **This Renewal will expire on 04/27/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Heike Rebholz <[REDACTED]@gmail.com>  
**Sent time:** 11/04/2018 05:30:31 PM  
**To:** Harry Acosta; Júlia Castelló [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Subject:** animal protocols  
**Attachments:** Breeding prot renewal 976 Oct 2018.docx    protocol CastelloFriedmanRebholz fin.doc

---

Dear Harry and Ingrid,

Please find attached the new protocols: one for the Parkinson's project, the other one for breeding.

Thank you

Heike

**From:** Ahu Aydogan  
**Sent time:** 05/22/2019 04:33:00 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** animal use

---

Dear Institutional Animal Care and Use Committee,

I am Ahu Aydogan, Assistant Professor at Spitzer School of Architecture. For Fall 2019 semester, I would like to use spiders for the architectural design studio. I was wondering if there is any procedure I need to go through. Could you please let me know?

Thank you,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Harry Acosta  
**Sent time:** 06/20/2019 08:57:30 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Approval for DMR assigned protocols

---

Good Morning all

As the assigned DMR I have reviewed and I approve the following protocols

Protocol 949.4 for Dr. Susannah Fritton, "Effects of Reduced Mechanical Loading on Bone Microarchitecture and Osteocyte Mechanotransduction" (Cat. D)

Protocol 946.4 For Dr. Bingmei Fu "The coupled vascular hypothesis for transcranial direct current stimulation (tDCS)" (Cat. D)

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

**From:** CBRA - Cal Bio <abanks@ca-biomed.org>  
**Sent time:** 01/07/2019 01:23:45 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** CBRA Webinar Postponed

## California Biomedical Research Association



**January WEBINAR: POSTPONED**

**Dear Members,**

Due to scheduling conflicts, the "***Navigating the AAALAC Accreditation Process***" scheduled to take place on Tuesday, January 29th has been postponed.

We are working to re-schedule this webinar for another time and will announce a new date shortly.

Thank you,  
CBRA

STAY CONNECTED:



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**From:** [REDACTED]@gmail.com>  
**Sent time:** 12/12/2018 06:22:49 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel  
**Subject:** CITI Certification  
**Attachments:** citiCompletionReport7272881.pdf citiCompletionReport7272881 (1).pdf

---

Hello, my name is [REDACTED] and I am a part of CCNY's Grove School Chemical Engineering department. I work in David Rumschitzki's lab under protocol 989.1. Attached are my CITI completion report and certification. Please let me know if I need to do anything else to be added to the protocol.

Thanks,  
[REDACTED]

# COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM)

## COMPLETION REPORT - PART 1 OF 2 COURSEWORK REQUIREMENTS\*

\* NOTE: Scores on this Requirements Report reflect quiz completions at the time all requirements for the course were met. See list below for details. See separate Transcript Report for more recent quiz scores, including those on optional (supplemental) course elements.

POL 87(2)(a) (FERPA) • **Name:** [REDACTED] (ID: [REDACTED])  
• **Institution Affiliation:** City University of New York (CUNY) (ID: [REDACTED])  
• **Institution Email:** [REDACTED]  
• **Institution Unit:** Chemical Engineering  
• **Phone:** [REDACTED]

- **Curriculum Group:** Working with the IACUC
- **Course Learner Group:** Research Team 1
- **Stage:** Stage 1 - Basic Course
- **Description:** The CITI Basic Course in Laboratory Animal Welfare for Investigators, Staff and Students.

- **Record ID:** [REDACTED]
- **Completion Date:** 12-Dec-2018
- **Expiration Date:** 11-Dec-2021
- **Minimum Passing:** 80
- **Reported Score\*:** 94

### REQUIRED AND ELECTIVE MODULES ONLY

	DATE COMPLETED	SCORE
Working with the IACUC: Introduction (ID: 17660)	12-Dec-2018	No Quiz
About the IACUC (ID: 17661)	12-Dec-2018	5/5 (100%)
Federal Laws, Policies, and Guidelines (ID: 17662)	12-Dec-2018	5/5 (100%)
Planning Research and Completing the Protocol Form (ID: 17663)	12-Dec-2018	5/5 (100%)
Procedures: Surgery, Antibody Production, and Blood Collection (ID: 17664)	12-Dec-2018	5/5 (100%)
Personnel and Their Welfare (ID: 17665)	12-Dec-2018	5/5 (100%)
Making Changes to an Approved Animal Use Protocol (ID: 17667)	12-Dec-2018	3/3 (100%)
Reporting Animal Use Concerns (ID: 17668)	12-Dec-2018	1/3 (33%)

For this Report to be valid, the learner identified above must have had a valid affiliation with the CITI Program subscribing institution identified above or have been a paid Independent Learner.

Verify at: [www.citiprogram.org/verify/?k810688cc-8693-4951-b856-14c7b02d5d0a-29735724](http://www.citiprogram.org/verify/?k810688cc-8693-4951-b856-14c7b02d5d0a-29735724)

### Collaborative Institutional Training Initiative (CITI Program)

Email: [support@citiprogram.org](mailto:support@citiprogram.org)

Phone: 888-529-5929

Web: <https://www.citiprogram.org>

# COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM)

## COMPLETION REPORT - PART 2 OF 2 COURSEWORK TRANSCRIPT\*\*

\*\* NOTE: Scores on this Transcript Report reflect the most current quiz completions, including quizzes on optional (supplemental) elements of the course. See list below for details. See separate Requirements Report for the reported scores at the time all requirements for the course were met.

POL 87(2)(a) (FERPA)

- **Name:** [REDACTED] (ID: [REDACTED])
- **Institution Affiliation:** City University of New York (CUNY) (ID: [REDACTED])
- **Institution Email:** [REDACTED]
- **Institution Unit:** Chemical Engineering
- **Phone:** [REDACTED]

- **Curriculum Group:** Working with the IACUC
- **Course Learner Group:** Research Team 1
- **Stage:** Stage 1 - Basic Course
- **Description:** The CITI Basic Course in Laboratory Animal Welfare for Investigators, Staff and Students.

- **Record ID:** [REDACTED]
- **Report Date:** 12-Dec-2018
- **Current Score\*\*:** 100

### REQUIRED, ELECTIVE, AND SUPPLEMENTAL MODULES

	MOST RECENT	SCORE
Working with the IACUC: Introduction (ID: 17660)	12-Dec-2018	No Quiz
About the IACUC (ID: 17661)	12-Dec-2018	5/5 (100%)
Federal Laws, Policies, and Guidelines (ID: 17662)	12-Dec-2018	5/5 (100%)
Planning Research and Completing the Protocol Form (ID: 17663)	12-Dec-2018	5/5 (100%)
Procedures: Surgery, Antibody Production, and Blood Collection (ID: 17664)	12-Dec-2018	5/5 (100%)
Personnel and Their Welfare (ID: 17665)	12-Dec-2018	5/5 (100%)
Making Changes to an Approved Animal Use Protocol (ID: 17667)	12-Dec-2018	3/3 (100%)
Reporting Animal Use Concerns (ID: 17668)	12-Dec-2018	3/3 (100%)

For this Report to be valid, the learner identified above must have had a valid affiliation with the CITI Program subscribing institution identified above or have been a paid Independent Learner.

Verify at: [www.citiprogram.org/verify/?k810688cc-8693-4951-b856-14c7b02d5d0a-29735724](http://www.citiprogram.org/verify/?k810688cc-8693-4951-b856-14c7b02d5d0a-29735724)

### Collaborative Institutional Training Initiative (CITI Program)

Email: [support@citiprogram.org](mailto:support@citiprogram.org)

Phone: 888-529-5929

Web: <https://www.citiprogram.org>



Completion Date 12-Dec-2018

Expiration Date 11-Dec-2021

Record ID [REDACTED]

This is to certify that:



Has completed the following CITI Program course:

**Working with the IACUC** (Curriculum Group)  
**Research Team 1** (Course Learner Group)  
**1 - Basic Course** (Stage)

Under requirements set by:

**City University of New York (CUNY)**



Verify at [www.citiprogram.org/verify/?w974e1aca-eea5-4ad7-bffc-df0192eeb004-29735724](http://www.citiprogram.org/verify/?w974e1aca-eea5-4ad7-bffc-df0192eeb004-29735724)

**From:** Adrian Rodriguez Contreras  
**Sent time:** 08/09/2019 03:48:49 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Correction, animal breeding protocol NIH grant  
**Attachments:** Prot-Appl-Form-updated-1-8-14\_MouseBreedingNIH\_ARC080919.doc

---

Dear members of IACUC,

Attached is a new application to breed mice for a NIH supported project.

Thank you for your consideration.

Adrian Rodriguez-Contreras  
Associate Professor  
Biology Department  
212-650-5899

**From:** Robert Anderson  
**Sent time:** 02/21/2019 05:01:39 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** dates for March and April IACUC meetings

---

Dear Harry,

I will need to do a new protocol application soon (ours expires May 11<sup>th</sup>). Can you tell me the dates for the March and April meetings, and when I would need to turn in the application in order to be considered at the March one? I think our protocols will be extremely similar to the current ones.

Many thanks,  
Rob Anderson

\*\*\*\*\*

Robert P. Anderson, Ph.D.  
Professor, Department of Biology  
526 Marshak Science Building  
City College of New York, City Univ. of New York  
160 Convent Avenue  
New York, NY 10031, USA

Telephone: (212) 650-8504  
<http://www.andersonlab.ccny.cuny.edu/>  
[randerson@ccny.cuny.edu](mailto:randerson@ccny.cuny.edu)

**From:** Harry Acosta  
**Sent time:** 10/25/2018 09:10:28 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** DMR for protocol 1043 (formerly 969.3)

---

Good Morning all

As the assigned DMR I have reviewed the Pezzano protocol 1043 ( formerly 969.3)

I find the protocol acceptable and therefore approve this protocol.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

**From:** Tricia Mayhew-Noel  
**Sent time:** 07/08/2019 01:24:24 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Kaliris Salas; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** DMR Review for IACUC Meeting July 2019  
**Attachments:** IACUC Protocol 1030 - Major Amendment - 062719.pdf [EXTERNAL] Submission of Protocol 1030 with Major Amendments

---

Good Afternoon;

There will not be an in-person IACUC meeting in July. However, there is 1 study, an amendment submitted by JD to be reviewed via DMR.

Please be sure to raise any objections to DMR review, such that it will be brought to the full committee for review and determination. Your response must be received by Friday, July 12, 2019.

JD, 1030.A3 is a Category D, Amendment, titled, “**Ultrasonic Neuromodulation of Brain Oscillations in the Rat**” sand the DMR Reviewer assigned is Sulli Popilskis.

Again please let us know if you have any objections to the DMR studies.

Yours Sincerely,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

[EXTERNAL] Submission of Protocol 1030 with Major Amendments.msg

**From:** D. Nguyen <[REDACTED]@gmail.com>  
**Sent time:** 06/27/2019 11:56:35 AM  
**To:** Institutional Animal Care and Use Committee; Richard Belgrave; Harry Acosta  
**Cc:** Destiny Berisha <[REDACTED]@gmail.com>; Jacek Dmochowski  
**Subject:** [EXTERNAL] Submission of Protocol 1030 with Major Amendments  
**Attachments:** IACUC Protocol 1080 - Major Amendment - 062719.pdf

---

To the IACUC Committee,

We are submitting Protocol 1030 for some major amendments, see attachment for revised protocol with amendments (changes have been highlighted for viewing convenience).

The major amendments are:

1. We have increased our animal sample size to an addition of 100 more animals (rats) as we are now out of the piloting stage of our research. (30 animals were used in this past first year for piloting). Explanation and justification for more animals in regards to our research design have been amended to reflect this.
2. We are adding urethane into our protocol for longer induction/recording length experiments. We have also amended the protocol with justifications and explanation regarding this. Due to the nature of urethane being a carcinogenic substance, we have also add in handling and disposing procedures to comply with safety regulations.
3. Our surgical procedures have now been majorly edited to reflect what we learned from piloting. Including additions of things like eye gel.

Some minor amendments:

1. The removal of [REDACTED] in the protocol.
2. Addition of lubricating eye gel in the drug/substance list.
3. Update on personnel experience.

Thank you,  
Duc Nguyen

--

Duc Nguyen, MPH  
PhD Candidate, CCNY  
Dmochowski Lab  
Lab Manager  
[REDACTED]@gmail.com

**From:** Tricia Mayhew-Noel  
**Sent time:** 09/07/2018 02:46:19 PM  
**To:** Gloria Callender (████@hotmail.com) <████@hotmail.com>; Steven Nicoll; Harry Acosta; Sulli Popilskis <Sulli.Popilskis@asrc.cuny.edu>; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano <████@gmail.com>; Steve Nicoll <████@gmail.com>; Institutional Animal Care and Use Committee  
**Subject:** DMR Review of 1039 - Any Objections?  
**Attachments:** 1039 OW\_8\_20\_18\_NEW-Protocol-Initial-Application-Form-May 2015-with-IDEX....pdf

---

Dear Committee,

There will not be a Full Committee IACUC meeting next week, instead new study submission for study OW, 1039 has been assigned to Sulli Popilskis for DMR Review.

Any objections to DMR Review must be received by COB Wednesday, September 12, 2018, where the study will be brought to the full committee for review as per policy.

Please kindly let me know if there are any objections.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Tricia Mayhew-Noel  
**Sent time:** 12/12/2018 04:58:56 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail <[REDACTED]@gmail.com>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** DMR Reviews  
**Attachments:** 932pt4RenewalSubmission.pdf Oviedo ccny\_iacuc 2018 .docx Saleque Animal Protocol 2018.docx

---

Dear Committee,

There will not be a Full Committee IACUC meeting this month, though we anticipate meeting before the end of the year to review the Lab Inspections for our Annual Report. A date and time will be set in the upcoming week.

The attached studies will be assigned to DMR review.

Any objections to DMR Review must be received by COB Wednesday, December 19, 2018, where the study(ies) will be brought to the full committee for review as per policy.

Please kindly let me know If there are any objections.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Mark Emerson  
**Sent time:** 12/05/2018 03:49:00 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Emerson Protocol 932.4 Renewal  
**Attachments:** 932pt4RenewalSubmission.pdf

---

Dear CCNY IACUC,

Please find attached the renewal application for protocol 932.4. At the end of the renewal are the appropriate NIH project narrative and Biosafety assurance.

Thank you for taking the time to review this application and please let me know if I can provide any further information.

Best, Mark Emerson

\*\*\*\*\*

Mark Emerson, PhD  
Assistant Professor  
The City College of New York,  
The City University of New York  
CDI - 3N, Dept. of Biology  
85 St. Nicholas Terrace  
New York, NY. 10031  
(212)650-8417

**From:** Do-Not-Reply@ccny.cuny.edu  
**Sent time:** 08/09/2019 08:01:16 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** End User Digest: 1 New Message



Office of Information  
Technology

**End User Digest: 1 New Message**  
**For Institutional Animal Care and Use Committee iacuc@ccny.cuny.edu**

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Spam - Quarantined				
Score	From	Subject	Date	Action
97	ale.horn@edu3.engineeroxy.com	<a href="#">[EXTERNAL] Recently posted academic job vacancies at Engineeroxy</a>	2019-08-08 17:41:17	<a href="#">Release</a> <a href="#">Release and Allow Sender</a> <a href="#">Not Spam</a>

For more information contact your System Administrator.

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**From:** Do-Not-Reply@ccny.cuny.edu  
**Sent time:** 04/09/2019 08:01:21 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** End User Digest: 1 New Message



Office of Information  
Technology

**End User Digest: 1 New Message**  
**For Institutional Animal Care and Use Committee iacuc@ccny.cuny.edu**

The messages in your personal Digest represent emails that have been filtered and sorted into different categories, giving you an opportunity to take action on them. Click the link in the Subject column to view the message.

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Spam - Quarantined				
Score	From	Subject	Date	Action
97	dr.paula.forsberg1@academic10.polytechnicpositions.com	<a href="#">[EXTERNAL] PolytechnicPositions - Faculty Positions in Polytechnic Universities</a>	2019-04-09 06:22:06	<a href="#">Release</a> <a href="#">Release and Allow Sender</a> <a href="#">Not Spam</a>

For more information contact your System Administrator.

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**From:** Adrian Rodriguez Contreras  
**Sent time:** 08/09/2019 04:40:53 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Experimental protocol Mice, NIH supported research  
**Attachments:** MouseExperimentalNIH\_ARC080919.doc

---

Dear IACUC members,

Attached is a new protocol to perform experimental work on mice, supported by NIH.

Thank you for your consideration.

Adrian Rodriguez-Contreras  
Associate Professor  
Biology Department  
212-650-5899

**From:** Bingmei Fu  
**Sent time:** 06/18/2019 12:21:39 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Fwd: Animal care protocol  
**Attachments:** Renewal-964.docx ATT00001.htm

---

Hi, Steve,

Please let me know when I can receive the approval letter for the coming year for this protocol. We need to pay for the animal care bill for May now.

Thanks,

Bingmei

Begin forwarded message:

**From:** Bingmei Fu <[bfu@ccny.cuny.edu](mailto:bfu@ccny.cuny.edu)>  
**Subject:** Re: Animal care protocol  
**Date:** June 6, 2019 at 12:48:50 PM EDT  
**To:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

Hi, Steve,

Please find the attachment for the renewal.

Thanks,

Bingmei

~~~~~  
Bingmei Fu, Ph.D.  
Professor  
Department of Biomedical Engineering  
The City College of the City University of New York  
160 Convent Ave  
New York, NY 10031  
(212)-650-7531  
[fu@ccny.cuny.edu](mailto:fu@ccny.cuny.edu)  
<https://www.ccny.cuny.edu/profiles/bingmei-fu>  
~~~~~

**From:** Bingmei Fu  
**Sent time:** 05/06/2019 01:09:53 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** Fwd: Animal care protocol  
**Attachments:** tDCs and BBB permeability-5-2-2019.docx ATT00001.htm 964.3 BF approval letter Apr. 27 2018.pdf ATT00002.htm

---

Hi, Steve and IACUC,

Please reply me when you receive this email.

Thanks,

Bingmei

Begin forwarded message:

**From:** Bingmei Fu <[bfu@ccny.cuny.edu](mailto:bfu@ccny.cuny.edu)>  
**Subject:** Animal care protocol  
**Date:** May 2, 2019 at 9:59:35 PM EDT  
**To:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Cc:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>

Hi, Steve and IACUC committee,

Please find the attached animal care protocol for the renewal of 964.3.

Thanks,

Bingmei

~~~~~  
Bingmei Fu, Ph.D.  
Professor  
Department of Biomedical Engineering  
The City College of the City University of New York  
160 Convent Ave  
New York, NY 10031  
(212)-650-7531  
[fu@ccny.cuny.edu](mailto:fu@ccny.cuny.edu)  
<https://www.ccny.cuny.edu/profiles/bingmei-fu>  
~~~~~



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** April 27, 2018  
**To:** Bingmei Fu, Ph.D., [fu@ccny.cuny.edu](mailto:fu@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **964.3**  
Title: **The Coupled Vascular Hypothesis for Transcranial Direct Current Stimulation (tDCS)**  
Funding Source: NIH 1 R01 NS101362-01  
Species: Rat  
Total number of animals approved for the three-year project (**2018-2021**): 300  
**Project Expires on: 04/27/2021**  
Number of animals approved for this period (**2018-2019**): 100

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **This Renewal will expire on 04/27/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** [REDACTED]@gmail.com>  
**Sent time:** 12/12/2018 06:23:08 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel  
**Subject:** Fwd: CITI Program - Course Completion for Shana Ravvin

---

-Shana Ravvin

----- Forwarded message -----

From: **CITI Program No Reply** <noreply@citiprogram.org>  
Date: Wed, Dec 12, 2018 at 6:17 PM  
Subject: CITI Program - Course Completion for Shana Ravvin  
To: <[REDACTED]@gmail.com>



## Course Completion for [REDACTED]

Congratulations on your recent course completion!

Name: [REDACTED] (ID: [REDACTED])  
Institution: **City University of New York (CUNY)** (ID: [REDACTED])  
Course: **Research Team 1**  
Stage: **1 - Basic Course**  
Completion Date: **12 Dec 2018**  
Expiration Date: **11 Dec 2021**  
Completion Record ID: [REDACTED]

---

To share the **Completion Report** for this course, use the following link:

[citiprogram.org/verify/?k810688cc-8693-4951-b856-14c7b02d5d0a-29735724](https://citiprogram.org/verify/?k810688cc-8693-4951-b856-14c7b02d5d0a-29735724)

Note that this link will share the full two-part report, which includes all quiz scores.

---

To share the **Completion Certificate** for this course, use the following link:

[citiprogram.org/verify/?w974e1aca-eea5-4ad7-bffc-df0192ceb004-29735724](https://citiprogram.org/verify/?w974e1aca-eea5-4ad7-bffc-df0192ceb004-29735724)

Note that this link will share only the certificate, which does not include quiz scores.

---

These links are permanent, and may be used to access or share your Completion Report and Completion Certificate at any time. It is not necessary to log in to the CITI Program site to view these links.

We suggest you retain this email for your records.



888.529.5929 / 8:30 a.m. to 7:30 p.m. / U.S. Eastern Time / Monday - Friday

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If you wish to reply, please contact [support@citiprogram.org](mailto:support@citiprogram.org) instead.

**From:** Steven Nicoll <[REDACTED]@gmail.com>  
**Sent time:** 10/03/2018 04:58:36 PM  
**To:** Tricia Mayhew-Noel; Institutional Animal Care and Use Committee  
**Subject:** Fwd: Pezzano Protocols  
**Attachments:** Pezzano 2018 Development and Maintenance of Thymic Epithelail Microenvironments.docx Pezzano 2018 Development and Maintenance of Thymic Epithelail Microenvironments-breeding .docx Pezzano 2018 animal protocol workbook.pdf

---

Hi Tricia,

Mark's breeding protocol should be assigned DMR for the October meeting and his regular protocol should be FCR.

Thanks,

Steve

----- Forwarded message -----

**From:** Mark Pezzano <[REDACTED]@gmail.com>  
**Date:** Wed, Aug 15, 2018 at 6:06 PM  
**Subject:** Re: Pezzano Protocols  
**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>, steve Nicoll <[REDACTED]@gmail.com>

Dear Steve and Tricia

Attached are my breeding and research protocols. I also attached a separate table that justifies the number of animals used in the research protocol. As described in the protocol the yellow highlighted areas justify the year 1 use. Sorry for the delay but I have been [REDACTED]

Best

Mark

POL 87(2)(b)  
& 89(2)(b)(v)

**From:** Linda Spatz <lspatz@med.cuny.edu>  
**Sent time:** 04/08/2019 10:43:33 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Fwd: Spatz protocol, 1028 renewal  
**Attachments:** 2019.Spatz. IACUC-Protocol-Renewal-Form.docx

---

Dear IACUC,

I submitted my renewal protocol on 3/18/19. I am attaching it again for your convenience. I just want to make sure that it is on this week's agenda. Thank you,

Sincerely,

Linda

Linda Spatz, Ph.D  
Associate Professor of Molecular, Cellular & Biomedical Sciences  
Interim Deputy Dean of Research  
CUNY School of Medicine  
160 Convent Avenue  
New York, NY 10031  
[lspatz@med.cuny.edu](mailto:lspatz@med.cuny.edu)  
212-650-7703

**From:** Harry Acosta  
**Sent time:** 08/15/2019 11:33:28 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** FW: Adding to IACUC  
**Attachments:** Martin\_Mouse\_Contusion\_2-21-19.docx Martin\_986\_mouseBreeding\_year3\_2-21-19.doc Martin\_2017-2020\_954\_02-21-19.docx

---

Steve

Erina had sent this renewal back in February but not sure if it ever got done. The breeding protocol 986 is now expired but Dr. Martin has animal in house.

Harry

---

**From:** Erina Hara <ehara@ccny.cuny.edu>  
**Sent:** Thursday, February 21, 2019 1:51 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** John (Jack) Martin <jmartin@ccny.cuny.edu>; Daniel Ryan <dryan@ccny.cuny.edu>; Heather Alexander <halexander@ccny.cuny.edu>  
**Subject:** Adding to IACUC

Hi, Harry.

POL 87(2)(a) I would like to add our MS student, [REDACTED] to Martin Lab mouse IACUC.  
(FERPA) Please find the attachment. If you have any concern or questions, please let me know.

Thank you,

Erina

**From:** Harry Acosta  
**Sent time:** 02/25/2019 09:30:53 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** FW: Adding to IACUC  
**Attachments:** Martin\_Mouse\_Contusion\_2-21-19.docx Martin\_986\_mouseBreeding\_year3\_2-21-19.doc Martin\_2017-2020\_954\_02-21-19.docx

---

---

**From:** Erina Hara  
**Sent:** Thursday, February 21, 2019 1:51 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** John (Jack) Martin <jmartin@ccny.cuny.edu>; Daniel Ryan <dryan@ccny.cuny.edu>; Heather Alexander <halexander@ccny.cuny.edu>  
**Subject:** Adding to IACUC

Hi, Harry.

POL 87(2)(a) I would like to add our MS student, [REDACTED] to Martin Lab mouse IACUC.  
(FERPA) Please find the attachment. If you have any concern or questions, please let me know.

Thank you,

Erina

**From:** Steven Nicoll  
**Sent time:** 09/04/2018 06:11:34 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Fw: CCNY IACUC: update funding on mouse protocol 1038 and 954  
**Attachments:** Martin\_Mouse\_Contusion\_8-28-18\_funding.docx ATT00001.htm Martin\_2017-2020\_954\_Final\_8-28-18\_Funding.docx ATT00002.htm

---

Note: Dr. Martin requested adding an additional funding source to these protocols (954.3A1 and 1038), NIH R01 NS093002.

Thanks,

Steve

---

**From:** John (Jack) Martin  
**Sent:** Tuesday, August 28, 2018 8:01 AM  
**To:** Steven Nicoll  
**Cc:** Heather Alexander  
**Subject:** Re: CCNY IACUC: update funding on mouse protocol 1038 and 954

Thanks Steve. Going forward, we will do that for the ASRC  
Attached  
Jack

On Aug 28, 2018, at 6:50 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Jack,

It's best if you amend the current proposal listing the grant information and I can send an updated approval letter with the additional funding information.

Thanks,

Steve

---

**From:** John (Jack) Martin

**Sent:** Monday, August 27, 2018 3:26 PM

**To:** Steven Nicoll

**Cc:** Heather Alexander

**Subject:** RE: CCNY IACUC: update funding on mouse protocol 1038 and 954

Hi Steve,

RF and some funding agencies are becoming more strict about listing grant contracts on IACUC protocols. For my CCNY Mouse protocols, I have not kept them up to date. Would you please add the following grant number to the two protocols.

Thanks

Jack

1038

-R01NS093002

954

-R01NS093002

**From:** Tricia Mayhew-Noel  
**Sent time:** 01/14/2019 12:18:28 PM  
**To:** Andreas Kottmann; GLORIA COBENA; Richard Belgrave; Steven Nicoll; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail <[REDACTED]@gmail.com>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** FW: IACUC Meeting 1/15/19 - 1/15/19 11:00AM  
**Attachments:** Protocol 1027 (Mouse) Renewal Form#1.pdf AU -Mouse Protocol #1027 Renewal#1.pdf AU -Rat Protocol #1026 Renewal#1.pdf  
Protocol 1027 (Mouse) Renewal Form#1.pdf Protocol 1026 (Rat) Renewal Form#1.pdf

---

Good Afternoon;

For those who haven't done so already, please confirm whether you are available to attend tomorrow's meeting at 11am.

Thanks,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, January 10, 2019 4:54 PM  
**To:** 'Andreas H. Kottmann (akottmann@med.cuny.edu)' <AKottmann@med.cuny.edu>; 'Gloria Callender ([REDACTED]@hotmail.com)' <[REDACTED]@hotmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' <[REDACTED]@gmail.com>; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark Pezzano gmail' <[REDACTED]@gmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

Good Afternoon All;

An IACUC Meeting will be held on **TUESDAY, JANUARY 15, 2019** at **11:00 AM**

**Please confirm your attendance.**

The studies to be reviewed are attached.

There are no DMR studies at this time for this meeting.

**AGENDA:**

Discussion -

- Review of Minutes from meetings –August 8, 2018, October 10, and November 14
- Protocols to be reviewed Full Committee:
  - 1026.1, AU, Pharmacologic Modulation of Neuroplasticity in the Rat Model
  - 1027.1, AU, Pharmacologic Modulation of Neuroplasticity in the Mouse Model
  - 1026.1A1, Pharmacologic Modulation of Neuroplasticity in the Rat Model
  - 1027.1A1, Pharmacologic Modulation of Neuroplasticity in the Mouse Model

**From:** Steven Nicoll  
**Sent time:** 10/16/2018 02:31:06 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Fw: modified protocol # 1042  
**Attachments:** Pezzano Ptotocol # 1042 2018 Development and Maintenance of Thymic Epithelail Microenvironments final .docx ATT00001.htm

---

I have reviewed and approve the attached revised protocol (#1042, PI: MP).

Thanks,

Steve

---

**From:** Mark Pezzano <[REDACTED]@gmail.com>  
**Sent:** Tuesday, October 16, 2018 2:18 PM  
**To:** Steven Nicoll  
**Subject:** Re: modified protocol # 1042

On Oct 16, 2018, at 11:41 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Mark,

I don't see the attachment. Please forward to me today so that I can get the approval letter sent ASAP. Regardless, I've attached the request for modifications letter so we have the proper paper trail.

Thanks,

Steve

---

**From:** Mark Pezzano <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>  
**Sent:** Thursday, October 11, 2018 2:11 PM  
**To:** Steven Nicoll; Steve Nicoll  
**Cc:** Tricia Mayhew-Noel  
**Subject:** Re: modified protocol # 1042

Hi Steve and Tricia

Attached is my modified protocol # 1042 based on your suggested changes. I removed sufatrim as an option for antibiotic treatment prior to and following irradiation for bone marrow transplant and I added a reference to my breeding protocol 1043 as a source of the animals that are not purchased from approved vendors or will be used to produce fetal thymic tissue.

Best

Mark

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Date:** Tuesday, August 7, 2018 at 2:21 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>, Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>, Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, "Popilskis, Sulli" <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>, "Gloria Callender" <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>  
 <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>, Mark Pezzano <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Steve Nicoll <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>, Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>  
**Subject:** Meeting Minutes for Review at IACUC Meeting AUGUST 8, 2018

MEETING MINUTES ATTACHED.

Please find meeting minutes for your review from IACUC meetings

July 11, 2018 and July 26, 2018.

Please review for voting at tomorrow's meeting.

Best,

Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
 City College of New York  
 Division for Research  
 Shepard Hall Room 1088  
 160 Convent Ave  
 New York, NY 10031  
 1-212-650-7902 (phone)  
 1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

---

**From:** Harry Acosta  
**Sent:** Tuesday, August 7, 2018 9:05 AM  
**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>, Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>, Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, Popilskis, Sulli <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>, Gloria Callender <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>  
 <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>, Mark Pezzano <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Steve Nicoll <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>, Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting AUGUST 8, 2018

Tricia

I will be there

No problem with the DMR

Harry

---

**From:** Tricia Mayhew-Noel  
**Sent:** Monday, August 06, 2018 1:57 PM  
**To:** Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>, Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, Popilskis, Sulli <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>, Gloria Callender <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>, <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>, Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>, Mark Pezzano <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Steve Nicoll <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>, Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting AUGUST 8, 2018

Wonderful, thanks Kaliris.

Will everyone else be attending? Or does anyone have any issues with DR's 989.1 going to DMR? Please let me know.

Thanks

Tricia

---

**From:** Kaliris Salas  
**Sent:** Saturday, August 4, 2018 3:17 PM  
**To:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>, Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, Popilskis, Sulli <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>, Gloria Callender <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>, <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>, Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>, Mark Pezzano <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Steve Nicoll <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>, Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>  
**Subject:** Re: IACUC Meeting AUGUST 8, 2018

I can attend for Andreas.

**Kaliris Y. Salas-Ramirez, PhD**  
**Assistant Medical Professor**

*Department of Molecular, Cellular and Biomedical Sciences  
 The Sophie Davis Program of Biomedical Sciences,  
 CUNY School of Medicine  
 160 Convent Ave.  
 New York, NY 10031*

*Office: Harris Hall 203E  
 Office phone: 212-650-8255  
 Department Phone: 212-650-6994  
 Marshak Science Building, J-116  
 Lab phone: 212-650-7758*

---

**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>  
**Sent:** Saturday, August 4, 2018 1:54 PM  
**To:** Tricia Mayhew-Noel; Steven Nicoll; Popilskis, Sulli; Gloria Callender <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>; Harry Acosta; Kaliris Salas; Mark Pezzano; Steve Nicoll; Institutional Animal Care and Use Committee; Richard Belgrave  
**Subject:** RE: IACUC Meeting AUGUST 8, 2018

Sorry. Out of the country. Back August 19<sup>th</sup>. Andreas

---

**From:** Tricia Mayhew-Noel [[mailto:tmayhewnoel@ccny.cuny.edu](mailto:mailto:tmayhewnoel@ccny.cuny.edu)]  
**Sent:** Thursday, August 2, 2018 6:31 PM  
**To:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, Popilskis, Sulli <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>, Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>, Gloria Callender <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>, <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>, Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>, Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>, Mark Pezzano <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Steve Nicoll <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>, Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>, Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>  
**Subject:** IACUC Meeting AUGUST 8, 2018

Dear Committee:

The next IACUC meeting is scheduled for Wednesday, **August 8th**, in the Faculty Senate Office (SH150) at 1:00pm.

- **Review of Minutes from meetings – July 11, 2018**
- **Protocols to be reviewed Full Committee:**
  - 981.2, RS, Adolescent Exposure to Abused Substances (Cat. E)

- **Protocols to be assigned and reviewed Designated Member Review (DMR):**
  - 989.1, DR, Water and macromolecular transport & accumulation in rat aorta: Aquaporin expression in aortic endothelial cells and sub-endothelial intima compression with pressure (Cat. D)
- **Protocols previously approved via DMR:**
  - 954.3A5, JM, Maladaptive Corticospinal Tract Plasticity (Cat. D)
  - 965.3A1, ME, Husbandry of Murine Models of Retinal Development (Cat. )
  - 992.2, RA, Systematics and Biogeography of Small Non-Volant Mammals in the Northern Neotropics (Cat D)
  - 1033, Y-H Y, : A Longitudinal Study of Oxidative Stress Driven Sickle Bone Degeneration and Therapeutic Interventions (Cat C)
  - 1035, JT, Glycocalyx Enhancement Retards Atherosclerosis Development (Cat. C)
  - 1037, KO, 2018 Macaulay Honors College Inwood Hill Park BioBlitz (Cat. B)
  - 1036, JT, The Role of Glypican-1 in Controlling Flow-Mediated NO Production (Cat. D)
- **Protocols PENDING approval:**
  - 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
  - 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
  - 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

**Tricia Mayhew-Noel, MS**

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhesnoel@ccny.cuny.edu](mailto:tmayhesnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

<1042 MP, Modifications Required for Approval .pdf>

**From:** Steven Nicoll  
**Sent time:** 10/03/2018 05:00:44 PM  
**To:** Tricia Mayhew-Noel; Institutional Animal Care and Use Committee  
**Subject:** Fw: Protocol 1000  
**Attachments:** 1000.1 AR-C Renewal-Form\_2017-2018 revised\_092018.docx

---

Hi Tricia,

Adrian's protocol 1000 should be added to the October meeting and reviewed via DMR.

Thanks,

Steve

---

**From:** Adrian Rodriguez Contreras  
**Sent:** Thursday, September 20, 2018 9:22 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Protocol 1000

Dear IACUC committtee,

Attached is a request to renew protcol 1000. Briefly:

**We would like to implement a change in the way animals are maintained for evry year of funding. In the past we have purchased 40 dams and 20 males for each of the 3 experiments conducted every year. We realize that we can optimize the project budget by purchasing 40 dams and 20 males only one time instead of three times. Since the pups we use in experiments come from a selection of litters (around 4 to 6 litters) we ave plenty of pups that can be reused for breeding. So we propose to wean 40 dams and 20 males from the non-selected litters to continue experiments 2 and 3 throughout the funding year. We will wean 2 dams and one male from 20 litters that will be randomly chosen from the group of non-selected litters used in the study. Animals will be housed in trios from P21 to P40 and then females and males will be housed in pairs. Breeding will be done when animals are P75-P80. One male will be bred with two females and males used for breeding will not be littermates of the females. An advantage of this change in protocol is that we will have more control over the background of rats used in experiments. A second change that we wil implement is the culling of litters to eight pups per litter (4 females and 4 males). This will also help us keep the number of pups constant to avoid litter size confounds that can not be excluded from the current experiemental design. With these changes we will continue with the same experimental use of the pups which consists in measuring their auditory development as specified in the original protocol. We will also perform cross fostering experiments between selected litters, as has been described in previously approved versions of the protocol.**

Thank you,

**Adrian Rodriguez-Contreras**

**From:** Steven Nicoll  
**Sent time:** 10/15/2018 10:08:04 PM  
**To:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Institutional Animal Care and Use Committee  
**Subject:** Fw: Protocol 1039  
**Attachments:** OWhitney\_10\_11\_18\_NEW-Protocol-Initial-Application-Form-May 2015-with-IDEXX sp.pdf 1039 OW, Modifications Required for Approval .pdf

---

Hi Sulli,

You are the DMR for this protocol. Please review at your earliest convenience.

Thanks,

Steve

---

**From:** Osceola Whitney  
**Sent:** Thursday, October 11, 2018 4:33 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Re: Protocol 1039

Please see the changes to protocol 1039 (yellow highlights) in response to your comments. Thanks.

Best,

Osceola

-----  
*Osceola Whitney, PhD  
Assistant Professor, Biology  
The City College of New York  
Center for Discovery & Innovation, Rm 3.376  
85 Saint Nicholas Terrence  
New York, NY 10031  
office: 212-650-5681  
lab: 212-650-7000 (x49039)  
cell: 919-607-0852*

---

**From:** Steven Nicoll  
**Sent:** Sunday, September 30, 2018 5:41 PM  
**To:** Osceola Whitney  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Protocol 1039

Dear Dr. Whitney,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431

160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: September 28, 2018

TO: Osceola Whitney, Ph.D., [owhitney@ccny.cuny.edu](mailto:owhitney@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1039**  
Title: **NSF CAREER: Understanding Memory from Brain Cells to  
Birdsong**

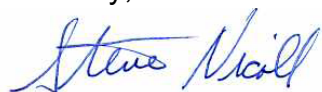
Action: Modifications are required to secure full approval

Your protocol was reviewed by a designated member of the IACUC and requires modifications before it can be approved. Please respond to the following comments:

1. The protocol is category C. Please correct the category listing on the cover page.
2. CDI room 3.217 will need to be inspected before experiments can be performed.
3. Anesthesia will be induced with isoflurane (table states 3% but in the text on page 12 – it is 5%). Please be consistent.
4. Induction will be followed by the injectable anesthetic equithesin (it is a mixture of chloral hydrate, pentobarbital and magnesium sulfate). It is okay to use this for non-survival surgery but there is no pharmaceutical grade available. On Page 7, the PI needs to mark the box “yes” instead of “no” for use of non-pharmaceutical grade medication, and provide justification, etc.
5. Page 11.2, the PI states that the animals will be anesthetized via inhalation induction and maintained by the injectable anesthetic. Please insert the names of the drugs from the table.
6. Pages 12-14 in the text. Obtaining blood is considered to be a minor procedure not surgery. Please replace throughout the text.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,

A handwritten signature in blue ink that reads "Steve Nicoll". The signature is written in a cursive, flowing style.

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 11/29/2018 03:58:44 PM  
**To:** Tricia Mayhew-Noel  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Fw: Protocol 1041  
**Attachments:** NEW-Protocol-Initial-Application-Form-Yoshioka for MI v6.docx

---

I have reviewed and approved the attached revised protocol 1041.

Thanks,

Steve

---

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent:** Wednesday, November 21, 2018 5:02 PM  
**To:** Steven Nicoll; Jun Yoshioka  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** RE: Protocol 1041

Dear Dr. Nicoll and IACUC members,  
Thank you for reviewing the protocol 1041. As advised, I have revised p9 as attached Word file. Please note that literature search using the term "non-animal (with hyphen)" or "non animal (without hyphen)" makes a big difference. I showed both just in case.  
Let me know if you need anything else.  
Best regards,  
Jun Yoshioka

---

**From:** Steven Nicoll [mailto:snicoll@ccny.cuny.edu]  
**Sent:** Wednesday, November 21, 2018 4:35 PM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Subject:** Protocol 1041

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Harry Acosta  
**Sent time:** 12/10/2018 09:49:12 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** FW: Protocols - 1026 and 1027.  
**Attachments:** Undieh-Rat Protocol #1026 Renewal#1.pdf Protocol 1026 (Rat) Renewal Form#1.pdf Undieh-Mouse Protocol #1027 Renewal#1.pdf Protocol 1027 (Mouse) Renewal Form#1.pdf

---

**From:** Ashiwel Undieh  
**Sent:** Friday, December 7, 2018 6:10 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Ashiwel Undieh <aundieh@med.cuny.edu>  
**Subject:** RE: Protocols - 1026 and 1027.

Hi Harry,

I have completed the protocol renewal forms for 1026 and 1027 and copies are attached. I have also modified the original protocol to be consistent with the four changes we would like to make to the approved protocol. The substantive changes are marked by yellow highlighting within the text of the protocol proper. For either protocol the main changes requested are:

1. Testing of additional age groups of pups to include neonatal (about 0-7 days), adolescent (about 30-45 days) and adult (about 60-90 days). We will achieve this by allowing some of the pups from the litters to grow to the desired ages. No change to total animal numbers requested.
2. Testing of female animals. To meet current NIH guidelines, we will include testing of females in the critical experiments. We will achieve this by allowing some of the pups from the litters to grow to the desired ages and then used. Pups will be weaned and re-housed in separate age-matched cages at appropriate ages. No changes to total animal numbers requested.
3. From Year 2 we plan to use recombinant DNA in live animals. Our biosafety protocol has been approved and Richard will provide a certificate directly to you/IACUC soon. For the experimental procedures, we will use the DNA constructs just like any other drug that will be administered IV or into the brain. The experimental procedures will not change. We have added the two DNA constructs (shRNA and CRISPR cassette) to the list of pharmacologic agents to be administered.
4. We have added isoflurane as an alternative anesthetic to be used where ketamine/xylazine is no longer appropriate. Recent studies indicate that ketamine may interfere with one of the signaling pathways that we are studying. To avoid confounding outcomes, we will use isoflurane for those experiments where we anticipate some concerns with non-anesthetic ketamine effects.
5. We have included additional compounds that we will like to test, as warranted by our preliminary observations. These commercially available pharmacologic agents are highlighted in the list of protocol-specific drugs (Page 3).
6. We have included an additional behavioral endpoint – Despair behavior – among the outcomes we will measure.
7. Finally, we have made a slight modification to the title of the project so that the title will be more consistent and better reflect the scope of the work involved.

If you have any feedback to me on anything that needs to be addressed right away, I will appreciate. Otherwise the submissions may go forward for review/approval.

Thanks much,  
Ashiwel

---

**From:** Harry Acosta  
**Sent:** Thursday, December 6, 2018 9:03 AM  
**To:** Ashiwel Undieh <[aundieh@ccny.cuny.edu](mailto:aundieh@ccny.cuny.edu)>  
**Subject:** RE: Protocols

Dr Undieh

I am available any time for you. Just give me a time that would be convenient for you.

In the meantime all you have to do is provide a progress report, since the project doesn't actually expire until 2020. I have attached the appropriate form.

You only really used 10 animals for your protocol 1026. I know I gave you some animals to practice but we won't count dose.

Let me know if you have any questions

Respectfully  
Harry

---

**From:** Ashiwel Undieh  
**Sent:** Wednesday, December 5, 2018 4:29 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Subject:** Protocols

Hi Harry,

My protocols (1026 and 1027) are due for renewal soon (like next week). I did not yet receive any notice with information on next steps. I'd like to speak with you to get a sense of what and how I'd need to do. My schedule is flexible for this purpose.

Best,

Ashiwel

=====  
Ashiwel S. Undieh, MPharm / PhD  
Professor, Neuroscience and Pharmacology, CUNY School of Medicine  
Head, Neuromedications Innovation Lab, 918 Marshak Building  
City University of New York (CUNY), City College  
160 Convent Avenue, New York, NY 10031  
Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)

=====  
"A good experiment answers at least one question and raises at least one new question" - ASU

**From:** Bao Vuong  
**Sent time:** 02/20/2019 10:18:07 PM  
**To:** Institutional Animal Care and Use Committee; Harry Acosta  
**Subject:** Fw: Request for Information - Grant Number: 1SC1GM132035 - 01 PI Name: Vuong, Bao Q

---

Hi Harry,

Can you send me a scanned copy of the signed IACUC approvals? I only have the unsigned versions.

Thank you,  
Bao

---

**From:** Hildred, Lisa (NIH/NIGMS) [E] <[hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)>  
**Sent:** Wednesday, February 20, 2019 2:22 PM  
**To:** Alan Shih  
**Cc:** Bao Vuong; Marino, Pamela (NIH/NIGMS) [E]; Alvaro Munoz Hansen; Candice Baptiste-Sexton; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** [EXTERNAL] RE: Request for Information - Grant Number: 1SC1GM132035 - 01 PI Name: Vuong, Bao Q

Thank you.

Lisa



**Lisa Hildred** | Grants Management Specialist  
45 Center Drive, Room 2AN32H, Bethesda, MD 20892-6200  
Work: 301-594-3913 | Fax: 301-480-2554 | [hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)

---

**From:** Alan Shih <[ashih@ccny.cuny.edu](mailto:ashih@ccny.cuny.edu)>  
**Sent:** Wednesday, February 20, 2019 2:16 PM  
**To:** Hildred, Lisa (NIH/NIGMS) [E] <[hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)>  
**Cc:** Bao Vuong <[bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)>; Marino, Pamela (NIH/NIGMS) [E] <[marinop@nigms.nih.gov](mailto:marinop@nigms.nih.gov)>; Alvaro Munoz Hansen <[amunozhansen@ccny.cuny.edu](mailto:amunozhansen@ccny.cuny.edu)>; Candice Baptiste-Sexton <[csexton@ccny.cuny.edu](mailto:csexton@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Subject:** RE: Request for Information - Grant Number: 1SC1GM132035 - 01 PI Name: Vuong, Bao Q

Lisa:  
Dr. Vuong will provide you shortly. Thanks.

**Alan M. Shih, Ph.D.**  
Director, Grants and Sponsored Programs  
Division for Research  
The City College of New York  
Shepard Hall, Suite 16, 160 Convent Avenue, New York, NY 10031  
Tel: +1 (212) 650-7909, Email: [ashih@ccny.cuny.edu](mailto:ashih@ccny.cuny.edu) (Direct)  
Tel: +1 (212) 650-5418, Email: [Awards@ccny.cuny.edu](mailto:Awards@ccny.cuny.edu) (Main Office)  
Pre-Award Matters: [PreAward@ccny.cuny.edu](mailto:PreAward@ccny.cuny.edu)  
Post-Award Matters: [PostAward@ccny.cuny.edu](mailto:PostAward@ccny.cuny.edu)  
Web: <https://www.ccny.cuny.edu/research/gsp>  
PARS: <http://www.ccny.cuny.edu/research/pars.cfm>

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**From:** Hildred, Lisa (NIH/NIGMS) [E] <[hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)>  
**Sent:** Wednesday, February 20, 2019 1:37 PM  
**To:** Alan Shih <[ashih@ccny.cuny.edu](mailto:ashih@ccny.cuny.edu)>  
**Cc:** Bao Vuong <[bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)>; Marino, Pamela (NIH/NIGMS) [E] <[marinop@nigms.nih.gov](mailto:marinop@nigms.nih.gov)>; Alvaro Munoz Hansen <[amunozhansen@ccny.cuny.edu](mailto:amunozhansen@ccny.cuny.edu)>; Candice Baptiste-Sexton <[csexton@ccny.cuny.edu](mailto:csexton@ccny.cuny.edu)>  
**Subject:** [EXTERNAL] RE: Request for Information - Grant Number: 1SC1GM132035 - 01 PI Name: Vuong, Bao Q

Obtained by Rise for Animals. Uploaded 07/08/2020

Hi Alan,

One bit of additional information that the Grants Office will need before the NoA can be issued. Can you please submit a copy of the IACUC approval documentation for this project?

Thanks,  
Lisa



**Lisa Hildred** | Grants Management Specialist  
45 Center Drive, Room 2AN32H, Bethesda, MD 20892-6200  
Work: 301-594-3913 | Fax: 301-480-2554 | [hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)

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**From:** Alan Shih <[ashih@ccny.cuny.edu](mailto:ashih@ccny.cuny.edu)>  
**Sent:** Tuesday, February 19, 2019 2:19 PM  
**To:** Hildred, Lisa (NIH/NIGMS) [E] <[hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)>  
**Cc:** Bao Vuong <[bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)>; Marino, Pamela (NIH/NIGMS) [E] <[marinop@nigms.nih.gov](mailto:marinop@nigms.nih.gov)>; Alvaro Munoz Hansen <[amunozhansen@ccny.cuny.edu](mailto:amunozhansen@ccny.cuny.edu)>; Candice Baptiste-Sexton <[csexton@ccny.cuny.edu](mailto:csexton@ccny.cuny.edu)>  
**Subject:** RE: Request for Information - Grant Number: 1SC1GM132035 - 01 PI Name: Vuong, Bao Q

Thank you for the confirmation.

**Alan M. Shih, Ph.D.**  
Director, Grants and Sponsored Programs  
Division for Research  
The City College of New York  
Shepard Hall, Suite 16, 160 Convent Avenue, New York, NY 10031  
Tel: +1 (212) 650-7909, Email: [ashih@ccny.cuny.edu](mailto:ashih@ccny.cuny.edu) (Direct)  
Tel: +1 (212) 650-5418, Email: [Awards@ccny.cuny.edu](mailto:Awards@ccny.cuny.edu) (Main Office)  
Pre-Award Matters: [PreAward@ccny.cuny.edu](mailto:PreAward@ccny.cuny.edu)  
Post-Award Matters: [PostAward@ccny.cuny.edu](mailto:PostAward@ccny.cuny.edu)  
Web: <https://www.ccny.cuny.edu/research/gsp>  
PARS: <http://www.ccny.cuny.edu/research/pars.cfm>

---

**From:** Hildred, Lisa (NIH/NIGMS) [E] <[hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)>  
**Sent:** Friday, February 15, 2019 9:48 AM  
**To:** Alan Shih <[ashih@ccny.cuny.edu](mailto:ashih@ccny.cuny.edu)>  
**Cc:** Bao Vuong <[bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)>; Marino, Pamela (NIH/NIGMS) [E] <[marinop@nigms.nih.gov](mailto:marinop@nigms.nih.gov)>; Alvaro Munoz Hansen <[amunozhansen@ccny.cuny.edu](mailto:amunozhansen@ccny.cuny.edu)>; Candice Baptiste-Sexton <[csexton@ccny.cuny.edu](mailto:csexton@ccny.cuny.edu)>  
**Subject:** [EXTERNAL] RE: Request for Information - Grant Number: 1SC1GM132035 - 01 PI Name: Vuong, Bao Q

Hi Alan,

Thank you for submitting the requested JIT information. The documentation as submitted is acceptable. The Grants Office will continue the review of the application and issuance of the NoA for a 3/1 Start.

Best,  
Lisa Hildred



**Lisa Hildred** | Grants Management Specialist  
45 Center Drive, Room 2AN32H, Bethesda, MD 20892-6200  
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---

**From:** Alan Shih <[ashih@ccny.cuny.edu](mailto:ashih@ccny.cuny.edu)>  
**Sent:** Thursday, February 14, 2019 3:01 PM  
**To:** Hildred, Lisa (NIH/NIGMS) [E] <[hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)>  
**Cc:** Bao Vuong <[bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)>; Marino, Pamela (NIH/NIGMS) [E] <[marinop@nigms.nih.gov](mailto:marinop@nigms.nih.gov)>; Alvaro Munoz Hansen <[amunozhansen@ccny.cuny.edu](mailto:amunozhansen@ccny.cuny.edu)>; Candice Baptiste-Sexton <[csexton@ccny.cuny.edu](mailto:csexton@ccny.cuny.edu)>

<[amunozhansen@ccny.cuny.edu](mailto:amunozhansen@ccny.cuny.edu)>; Candice Baptiste-Sexton <[csexton@ccny.cuny.edu](mailto:csexton@ccny.cuny.edu)>

**Subject:** FW: Request for Information - Grant Number: 1SC1GM132035 - 01 PI Name: Vuong, Bao Q

**Importance:** High

Dear Lisa:

Attached please find requested information. Please acknowledge the receipt of this submission.

Answering your questions:

1. Other support information for Dr. Vuong

**Attached**

2. Please provide clarification on the calculation of the indirect cost base and exclusions noted in Year 1 and Year 2.

**Calculations of the IDC base are different in Year 1 and 2 because the budget includes a piece of equipment each year in Year 1 and Year 2, but not in the later years (Equipment justification attached). Our MTDC calculation excludes the costs of permanent equipment over \$5000. Please see page 2 under "BASE" in the attached F&A agreement.**

Please let us know if you have any questions. Thank you.

**Alan M. Shih, Ph.D.**

Director, Grants and Sponsored Programs

Division for Research

The City College of New York

Shepard Hall, Suite 16, 160 Convent Avenue, New York, NY 10031

Tel: +1 (212) 650-7909, Email: [ashih@ccny.cuny.edu](mailto:ashih@ccny.cuny.edu) (Direct)

Tel: +1 (212) 650-5418, Email: [Awards@ccny.cuny.edu](mailto:Awards@ccny.cuny.edu) (Main Office)

Pre-Award Matters: [PreAward@ccny.cuny.edu](mailto:PreAward@ccny.cuny.edu)

Post-Award Matters: [PostAward@ccny.cuny.edu](mailto:PostAward@ccny.cuny.edu)

Web: <https://www.ccny.cuny.edu/research/gsp>

PARS: <http://www.ccny.cuny.edu/research/pars.cfm>

---

**From:** Hildred, Lisa (NIH/NIGMS) [E] <[hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)>

**Sent:** Thursday, February 7, 2019 12:09 PM

**To:** Alvaro Munoz Hansen <[amunozhansen@ccny.cuny.edu](mailto:amunozhansen@ccny.cuny.edu)>

**Cc:** Bao Vuong <[bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)>; Marino, Pamela (NIH/NIGMS) [E] <[marinop@nigms.nih.gov](mailto:marinop@nigms.nih.gov)>

**Subject:** [EXTERNAL] Request for Information - Grant Number: 1SC1GM132035 - 01 PI Name: Vuong, Bao Q

**Importance:** High

Dear Business Official:

This application has been selected for funding by NIGMS. At this time, Just-In-Time Information is required.

Please provide the following:

1. Other support information for Dr. Vuong
2. Please provide clarification on the calculation of the indirect cost base and exclusions noted in Year 1 and Year 2.

The requested information may be emailed or faxed directly to me at (301) 480-2554. Emailed information not endorsed by an Authorized Organizational Representative will not be accepted as valid. Otherwise, You may submit the Just-In-Time using the submission feature of the NIH commons found in the Commons Status section. For information on the Commons, see: <https://commons.era.nih.gov/commons/index.jsp>.

Please submit the requested information no later than **Friday, February 15, 2019** so that NIGMS can determine the funding level for the award as soon as possible. Should you need additional time to submit the Just-In-Time information, please notify me. If there are any questions, you may always contact me or the Program Official, Dr. Pam Marino.

Sincerely,

Lisa Hildred

**Lisa Hildred** | Grants Management Specialist  
45 Center Drive, Room 2AN24Q, Bethesda, MD 20892-6200  
Work: 301-594-3913 | Fax: 301-480-2554 | [hildredl@nigms.nih.gov](mailto:hildredl@nigms.nih.gov)

**From:** Steven Nicoll  
**Sent time:** 05/19/2019 11:03:13 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Fw: Updated animal protocol 1055

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**From:** Mark Pezzano  
**Sent:** Friday, May 17, 2019 7:39 PM  
**To:** Steven Nicoll  
**Subject:** Re: Updated animal protocol 1055

I approve the revised protocol. Sorry I thought I sent this already

On May 17, 2019, at 3:41 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Mark,

I'm just following up on the DMR assignment for Bao's protocol 1055. Let me know when you'll have a chance to get to it.

Thanks,  
Steve

---

**From:** Steven Nicoll  
**Sent:** Thursday, May 2, 2019 1:06 AM  
**To:** Mark Pezzano  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Fw: Updated animal protocol 1055

Hi Mark,

I'm forwarding Bao Vuong's response to our request for modifications (attached) as you are DMR for this protocol.

Thanks,  
Steve

---

**From:** Bao Vuong  
**Sent:** Tuesday, April 23, 2019 5:03 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Nicholas Rienzi; Richard Belgrave  
**Subject:** Updated animal protocol 1055

To whom it may concern:

Please find attached my revised animal protocol 1055.

I have amended the animal protocol based on comments that were sent to me earlier this month. The comments (in bold) and my responses are listed below:

**1. Where is the H1N1 virus prepared prior to injection? Animal staff and personnel should take proper precautions.**

I have included the following passage on page 14 to specify where the H1N1 is prepared prior to injection: "PR8 is a mouse adapted strain of influenza A H1N1 (Journal of Virology 88:4047). This strain of influenza has not been shown to infect humans. Biosafety standard operating procedures (SOP), which includes appropriate PPE (personal protective equipment), will be followed according to guidelines approved by the Office of Environmental Health and Occupational Safety (EHOS). The H1N1 virus will be prepared in

biosafety cabinets in the Vuong laboratory (CDI 2.117). Wild-type and knockout mice will be anesthetized with isoflurane and infected intranasally with 100 to 500 PFU in biosafety cabinets in the Marshak animal facility (Room 113A)."

**2. P. 14, it states "mice will be monitored on a daily basis for signs of severe illness..." and on P. 15, in known or expected adverse events, it states "Animals will be monitored weekly after infection, immunization, or cheek bleeds for signs of distress..." Animals should be monitored daily rather weekly, and this discrepancy should be reconciled in the text.**

I have revised the sentence on page 15 to specify that "Animals will be monitored daily after infection, immunization, or cheek bleeds for signs of distress..."

**3. P. 15, section 5.a, remove "anti-fungal, or anti-viral medication" as these agents are not typically administered. The water and bedding may be autoclaved for precaution.**

I have removed "anti-fungal, or anti-viral medication" on page 15. I have not added a sentence specifying that water and bedding may be autoclaved because the animal facility provides sterilized water and bedding after cleaning the dirty cages.

**4. Biosafety approval is required before work can be initiated.**

Biosafety approval was obtained in April 2018. Richard Belgrave had previously informed me that the Biosafety committee approval letter was sent directly to IACUC. I have attached a previous email that was sent to IACUC regarding this approval. Nicholas Rienzi informed me today that a new SOP does not need to be filed for the use of H1N1. Both Richard and Nicholas are copied on this email.

Please advise if you require any additional documents to process this animal protocol.

Best regards,  
Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563

lab: 212-650-8572

<http://www.vuonglab.org>

**From:** Steven Nicoll  
**Sent time:** 05/02/2019 01:06:39 AM  
**To:** Mark Pezzano  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Fw: Updated animal protocol 1055  
**Attachments:** BQVuong Protocol 1055\_revised041519.pdf Re\_ Protocols 956.3 and 961.3 - Bao Vuong.pdf 1055 BV Modifications Required for Approval.pdf

---

Hi Mark,

I'm forwarding Bao Vuong's response to our request for modifications (attached) as you are DMR for this protocol.

Thanks,  
Steve

---

**From:** Bao Vuong  
**Sent:** Tuesday, April 23, 2019 5:03 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Nicholas Rienzi; Richard Belgrave  
**Subject:** Updated animal protocol 1055

To whom it may concern:

Please find attached my revised animal protocol 1055.

I have amended the animal protocol based on comments that were sent to me earlier this month. The comments (in bold) and my responses are listed below:

**1. Where is the H1N1 virus prepared prior to injection? Animal staff and personnel should take proper precautions.**

I have included the following passage on page 14 to specify where the H1N1 is prepared prior to injection: "PR8 is a mouse adapted strain of influenza A H1N1 (Journal of Virology 88:4047). This strain of influenza has not been shown to infect humans. Biosafety standard operating procedures (SOP), which includes appropriate PPE (personal protective equipment), will be followed according to guidelines approved by the Office of Environmental Health and Occupational Safety (EHOS). The H1N1 virus will be prepared in biosafety cabinets in the Vuong laboratory (CDI 2.117). Wild-type and knockout mice will be anesthetized with isoflurane and infected intranasally with 100 to 500 PFU in biosafety cabinets in the Marshak animal facility (Room 113A)."

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**3. P. 15, section 5.a, remove "anti-fungal, or anti-viral medication" as these agents are not typically administered. The water and bedding may be autoclaved for precaution.**

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Biosafety approval was obtained in April 2018. Richard Belgrave had previously informed me that the Biosafety committee approval letter was sent directly to IACUC. I have attached a previous email that was sent to IACUC regarding this approval. Nicholas Rienzi informed me today that a new SOP does not need to be filed for the use of H1N1. Both Richard and Nicholas are copied on this email.

Please advise if you require any additional documents to process this animal protocol.

Best regards,

Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563

lab: 212-650-8572

<http://www.vuonglab.org>

# Re: Protocols 956.3 and 961.3

Bao Vuong

Wed 4/25/2018 5:26 PM

To: Steven Nicoll <snicoll@ccny.cuny.edu>;

Cc: Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Richard Belgrave <rbelgrave@ccny.cuny.edu>;

 1 attachment

BQVuong Protocol 956\_042518.docx;

Dear Steve,

Please find attached my revised animal protocol 956.3, which specifies time points after infection when animals will be euthanized. The edits are highlighted in yellow on page 14.

I spoke with Richard Belgrave today regarding Biosafety Committee approval of the use of influenza PR8. He informed me that the protocol has been approved and the letter of approval will be sent to IACUC.

Please let me know if you require any additional documentation to approve this animal protocol.

Best regards,  
Bao

---

**From:** Steven Nicoll

**Sent:** Saturday, April 14, 2018 11:40 PM

**To:** Bao Vuong

**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel

**Subject:** Protocols 956.3 and 961.3

Dear Dr. Vuong

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431

4/23/2019

Re: Protocols 956.3 and 961.3 - Bao Vuong

160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

## INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

DATE: April 12, 2019

TO: Bao Vuong, Ph.D., [bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1055**  
Title: Molecular Mechanisms Regulating Immunoglobulin Diversification

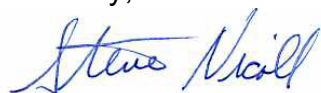
Action: Modifications required to secure approval

The IACUC met on April 10, 2019 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Where is the H1N1 virus prepared prior to injection? Animal staff and personnel should take proper precautions.
2. P. 14, it states "mice will be monitored on a daily basis for signs of severe illness..." and on P. 15, in *known or expected adverse events*, it states "Animals will be monitored weekly after infection, immunization, or cheek bleeds for signs of distress..." Animals should be monitored daily rather weekly, and this discrepancy should be reconciled in the text.
3. P. 15, section 5.a, remove "anti-fungal, or anti-viral medication" as these agents are not typically administered. The water and bedding may be autoclaved for precaution.
4. Biosafety approval is required before work can be initiated.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,

A handwritten signature in blue ink, reading "Steve Nicoll". The signature is written in a cursive, flowing style.

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Tricia Mayhew-Noel  
**Sent time:** 11/13/2018 02:35:29 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com <[REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail <[REDACTED]@gmail.com>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC Meeting 11/14/18 - location change SH250  
**Attachments:** 1048, HR-JC, Parkinsons protocol.doc 1047, EF-HR, Breeding prot renewal 976 Oct 2018.docx

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Good Afternoon All;

Please see updated agenda: **1048 EF/HR will be reviewed via full committee.** This study was included in the initial email however the protocol PI has been updated.

Again if you have any objections to DMR reviewed studies, please let us know and the study will be brought to full committee for review.

DMR Reviewers are as Follows:

SN - 1000.1, 1000.1A1 (ARC) and 1047 (EF/HR),

HA – 1049, JT

SP – 1045, AC

MP – 1017, AC and 1018, AC

Thanks

Tricia

**AGENDA:**

Discussion -

- Review of Minutes from meetings –August 8, 2018
- Protocols to be reviewed Full Committee:
  - 1041, JY, Experimental Acute Myocardial Infarction in Mice (Cat. D)
  - 1046, AR-C, Neurovascular Development in Mice (Cat. D)
  - 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- Protocols to be assigned and reviewed Designated Member Review (DMR):
  - 951A, HO, Functional Microcircuitry
  - 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1017.1, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?
  - 1018.1, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Cat. C)
  - 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
  - 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
  - 1049, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness (Cat. B)
  - 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- Protocols previously approved via DMR:
  - 1039, OW, From Brain Cells to Birdsong (Cat. C)
  - 1016.1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Experimental) (Cat D)
  - 981.2A1, RS, Adolescent Exposure to Abused Substances (Cat. E)
  - 1030A1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D)
  - 1040, JY, Stress-induced genes in Cardiac Cells (Cat C)
  - 1043, formerly 969.3, MP, Development and Maintenance of Thymic Epithelial Microenvironments (Breeding Protocol) (Cat. C)
  - 1042, formerly 968.3, MP, Development and Maintenance of Thymic Epithelial Microenvironments (Cat. D)

- Protocols PENDING approval:
  - 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
  - 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
  - 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**From:** Tricia Mayhew-Noel  
**Sent time:** 11/09/2018 04:21:51 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com <[REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC Meeting 11/14/18 - location change SH250  
**Attachments:** Agenda 11-14-18.docx A-MIN-08-08-2018.docx 1047, EF-HR, Breeding prot renewal 976 Oct 2018.docx 1048, HR-JC, Parkinsons protocol.doc 1049, JT, protocol nov 2018 initial.pdf 1050, AR-C, Breeding Protocol\_040818 - wrong form.docx Oviedo 2018 protocol amendment 951A, HO, ccny\_iacuc 2018 amendment.docx 1000.2 AR-C Renewal-Form\_2017-2018 revised\_101818.docx Small change in protocol 1000.1 1017.1, AC, Annual Review-Form Breeding.docx 1018, AC, IACUC-Protocol-Annual Review-Form1018 (002).docx 1041, JY, for MI v5.pdf 1045, AC, Initial Protocol\_Hearing-.docx 1046, AR-C Initial Protocol\_103118-wrong form.docx

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Dear Committee – [PLEASE SEE THE ATTACHED MINUTES FOR YOUR REVIEW AND DETERMINATION.](#)

The next IACUC meeting is scheduled for Wednesday, **November 14th** , in **SH250** at 1:00pm.

**KINDLY CONFIRM YOUR ATTENDANCE.**

**AGENDA:**

Discussion -

1. Review of Minutes from meetings – [August 8<sup>th</sup>, 2018](#)
2. Protocols to be reviewed Full Committee:
  - 1036, JT, The Role of Glypican-1 in Controlling Flow-Mediated NO Production (Cat. D)
  - 954.3A5, JM, Maladaptive Corticospinal Tract Plasticity (Cat. D)
3. Protocols to be assigned and reviewed Designated Member Review (DMR):
  - 965.3A2, ME, Husbandry of Murine Models of Retinal Development (Cat. D)
  - 1035, JT, Glycocalyx Enhancement Retards Atherosclerosis Development (Cat. C)
  - 1032, Y-HY, Parathyroid Hormone Related Protein Loaded Microcarrier for Stabilization of Human Mesenchymal Stem Cell Chondrogenesis (Cat. D)
  - 1037, KO, 2018 Macaulay Honors College Inwood Hill Park BioBlitz (Cat. B)
  - 1033, GB, : A Longitudinal Study of Oxidative Stress Driven Sickle Bone Degeneration and Therapeutic Interventions (Cat C)
4. Protocols previously approved via DMR:
  - 1031, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
  - 871.8, SP, Training Program (Mouse) - renewal
  - 872.8, SP, Training Program (Rat) – renewal
  - 949.4, SF, Effects of Reduced Mechanical Loading on Bone Microarchitecture and Osteocyte Mechanotransduction (Cat. D) – renewal
  - 991.1, KH-MC, Analysis of drug leads in pre-clinical xenograft mouse models” and “Biodegradable nanocarriers and antibodies as targeting delivery vehicles for cancer metallodrugs (Cat. E)
  - 1018A2, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? – amendment

- 1032, Y-HY, Parathyroid Hormone Related Protein Loaded Microcarrier for Stabilization of Human Mesenchymal Stem Cell Chondrogenesis (Cat. D)
- 1030A1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat – amendment
- 1034, GB, A Longitudinal Study of Oxidative Stress Driven Sickle Bone Degeneration and Therapeutic Interventions – Breeding Protocol

5. Protocols PENDING approval:

- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)
- 912.5, SP, Surveillance program for detection of Pathogens in Rat – renewal
- 913.5, SP, Surveillance program for detection of Pathogens in Rat - renewal
- 

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

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<http://www.ccny.cuny.edu/irb/> (website)



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**INSTITUTIONAL ANIMAL CARE  
AND USE COMMITTEE**

Date: November 14, 2018  
Location: Faculty Senate Shepard Hall Room 150

TO: Institutional Animal Care and Use Committee

- |                                   |   |                              |
|-----------------------------------|---|------------------------------|
| Prof. Steven Nicoll (Chairperson) | - | Biomedical Engineering       |
| Prof. Andreas Kottmann            | - | Biomedical Education         |
| Ms. Gloria Callender              | - | Community Member             |
| Ms. Tricia Mayhew-Noel            | - | Research Ethics & Safety     |
| Prof. Mark Pezzano                | - | Biology                      |
| Dr. Sulli Popilskis               | - | Veterinarian                 |
| Mr. Harry Acosta                  | - | Animal Care Facility Manager |
| Mr. Richard Belgrave              | - | EHOS Facilities Manager      |

**AGENDA:**  
Discussion -

- Review of Minutes from meetings –August 8, 2018
- Protocols to be reviewed Full Committee:
  - 1041, JY, Experimental Acute Myocardial Infarction in Mice (Cat. D)
  - 1046, AR-C, Neurovascular Development in Mice (Cat. D)
  - 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson’s disease model (Cat. E)
- Protocols to be assigned and reviewed Designated Member Review (DMR):
  - 951A, HO, Functional Microcircuitry
  - 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1017.1, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?
  - 1018.1, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Cat. C)
  - 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
  - 1047, EF, Breeding protocol for Parkinson’s and depression projects (Cat. C)
  - 1049, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness (Cat. B)
  - 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- Protocols previously approved via DMR:
  - 1039, OW, From Brain Cells to Birdsong (Cat. C)
  - 1016.1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Experimental) (Cat D)

- 981.2A1, RS, Adolescent Exposure to Abused Substances (Cat. E)
  - 1030A1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D)
  - 1040, JY, Stress-induced genes in Cardiac Cells (Cat C)
  - 1043, formerly 969.3, MP, Development and Maintenance of Thymic Epithelial Microenvironments (Breeding Protocol) (Cat. C)
  - 1042, formerly 968.3, MP, Development and Maintenance of Thymic Epithelial Microenvironments (Cat. D)
- 
- Protocols PENDING approval:
    - 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
    - 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
    - 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 8/8/2018



Shepard Hall, 108  
160 Convent Ave  
New York, NY 10031  
212-650-7902

## IACUC Minutes

### Members Present (Quorum = 4) <sup>1,2</sup>

Member Name	Voting Member	Is Scientific	Is Affiliated
KSR	Y	Y	Y
MP	Y	Y	Y
GC	Y	N	N
H.A.	Y	N	Y
T.M.N.	Y	N	Y

<sup>1</sup> All members received all pertinent material prior to the meeting, and all actively and equally will participate in the discussions.

<sup>2</sup> According to the IACUC membership list registered with OLAW; Full names are also listed and registered with OLAW. The voting membership totals 7 making the number of members required for quorum at this meeting 4 or greater.

### Voting Members Absent

Member Name	Voting Member	Is Scientific	Is Affiliated
SP (Attend. Vet)	Y	Y	N
AK	Y	Y	Y
SN (Chair)	Y	Y	Y
RB (Non-Voting)	N	Y	Y

### IACUC Administrative Staff

Tricia Mayhew-Noel, MS

Research Compliance Director

### Announcements

The next IACUC committee meetings are scheduled for:

September 12, 2018

October 10, 2018

November 14, 2018

This meeting was called to order at 1:34 pm (EST) with a quorum present

### Minutes Ratified

July 11, 2018

• <u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
5	0	0	0

## Institutional Animal Care And Use Committee

The City College of New York

IACUC MINUTES 8/8/2018

July 26, 2018

• <u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
4	0	0	1

KSR Recused

### Discussions

None

### Full Committee Reviews (FCR)

All studies and items for discussions and votes are reviewed by members consistent with *the* Guide for the Care and Use of Laboratory Animals (*the* Guide), *the* Public Health Service Policy on Humane Care and Use of Laboratory Animals (*PHS Policy*) and *the* Animal Welfare Act and Animal Welfare Regulations (*AWRs*).

### Protocols

#### 981.2, RS, Adolescent Exposure to Abused Substances (Cat. E)

- The Board requested the PI to correlate the number of animals used to date with the renewal summary listed on page 2, question 2;
- The Board determined that the PI provide an adequate justification of the number of animals requested for the upcoming year and to provide a power analysis in justifying the number of animals to be used;
- The Board requested more details on the progress report, including whether any manuscripts have been submitted or presented.
- The Board requested additional keywords to the Literature Search and the PI should provide an appropriate written narrative of the results;
- The Board advised that the addition of new personnel to the study must be submitted first via an email request for an amendment to the protocol, including the new personnel and removal, if any, from the protocol.
- The Board requested the PI to ensure that all new staff has completed their CITI training in Animal Care and Use;
- The Board requested revisions to the last inspection date as listed on the application, since the last inspection completed was in June 2018.
- The Board asked the PI to correct the typo under Elizabeth Little's name, currently it lists her as "He" and not "She".

The Committee moved for **Modifications required to secure approval**, DMR: SP

• <u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
5	0	0	0

### Designated Member Reviews (DMR)

#### Protocols reviewed and approved via DMR:

- **1038, JM**, Maladaptive Corticospinal Tract Plasticity (Cat. D)
- **989.1, DR**, Water and macromolecular transport & accumulation in rat aorta: Aquaporin expression in aortic endothelial cells and sub-endothelial intima compression with pressure (Cat. D)
- **992.2, RA**, Systematics and Biogeography of Small Non-Volant Mammals in the Northern Neotropics (Cat. D)

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 8/8/2018

- 
- **1019.A1, MS**, Osteocyte Physiology In Vivo (Cat. D)

### Protocols pending approval:

- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

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### Signature

Approved on/by:

Date	
Print name and signature	<u>Steven B. Nicoll, Ph.D.</u> Chairman or designee <i>All agenda items having been discussed and voted on, the meeting adjourned at 1:47 pm EST.</i>

**From:** Adrian Rodriguez Contreras  
**Sent time:** 10/18/2018 04:22:26 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Small change in protocol 1000.1  
**Attachments:** 1000.1 AR-C Renewal-Form\_2017-2018 revised\_101818.docx

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Dear members of IACUC,

I would like to make a small amendment to a previous request to renew and modify animal protocol 1000.1

The small addition is that we want to flip the light cycle to have lights off at 7 am and lights on at 7 pm so that our students can make more observations during the dark part of the cycle.

See below and attached file.

Thank you,

Adrian

We would like to implement a change in the way animals are maintained for every year of funding. In the past we have purchased 40 dams and 20 males for each of the 3 experiments conducted every year. We realize that we can optimize the project budget by purchasing 40 dams and 20 males only one time instead of three times. Since the pups we use in experiments come from a selection of litters (around 4 to 6 litters) we have plenty of pups that can be reused for breeding. So we propose to wean 40 dams and 20 males from the non-selected litters to continue experiments 2 and 3 throughout the funding year. We will wean 2 dams and one male from 20 litters that will be randomly chosen from the group of non-selected litters used in the study. Animals will be housed in trios from P21 to P40 and then females and males will be housed in pairs. Breeding will be done when animals are P75-P80. One male will be bred with two females and males used for breeding will not be littermates of the females. An advantage of this change in protocol is that we will have more control over the background of rats used in experiments. A second change that we will implement is the culling of litters to eight pups per litter (4 females and 4 males). This will also help us keep the number of pups constant to avoid litter size confounds that cannot be excluded from the current experimental design. With these changes we will continue with the same experimental use of the pups which consists in measuring their auditory development as specified in the original protocol. We will also perform cross fostering experiments between selected litters, as has been described in previously approved versions of the protocol. The last change we request is to flip the light cycle so that we can make 3 observations at the start, in the middle and near the end of the dark stage of the cycle. We propose to switch lights off at 7 am and switch lights on at 7 pm. Animals will be adapted to the new light cycle a week prior to start of the breeding for experiments.

**From:** Hysell Oviedo  
**Sent time:** 10/31/2018 10:47:57 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Oviedo 2018 protocol amendment  
**Attachments:** Oviedo ccny\_iacuc 2018 amendment.docx

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Please find attached my CCNY protocol (#951) with two amendments highlighted in yellow.

In page 11 an extension to an approved procedure is described, and I have an updated list of lab members with approval to work in this project.

Thank you

Hysell V. Oviedo  
Assistant Professor  
The City College of New York  
New York, NY 10031  
hoviedo@ccny.cuny.edu  
212-650-8540

**From:** Tricia Mayhew-Noel  
**Sent time:** 04/05/2019 05:18:55 PM  
**To:** Gloria Callender (██████████@hotmail.com) (██████████@hotmail.com); Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano <██████████@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll <██████████@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC Meeting April 10, 2019  
Agenda 4-10-19.docx BV 1055 (prev. 956.3) renewal Protocol 956\_032119.pdf BV 1056 (prev. 961.3) Breeding Protocol 961\_032119.pdf  
**Attachments:** 1028.1 LS IACUC-Protocol-Renewal-Form.docx 1018.1A3, AC Initial Protocol\_Addendum.docx 1015.1A1, JY Amendment Breeding protocol 2019 for mice v1.doc

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Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **April 10th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda and protocols attached:

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR review.

Any objections to DMR Review will be brought to the committee for review.

**KINDLY CONFIRM YOUR ATTENDANCE.**

1. Discussion – Memorandum of Understanding.
2. Review of Minutes from meeting – November 14, 2018 and December 19, 2018
3. Protocols to be reviewed Full Committee:
  - 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D)
4. Protocols to be assigned and reviewed Designated Member Review (DMR):
  - 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
  - 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
  - 1018.1A3, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
  - 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)
5. Protocols previously approved via DMR:
  - 1026.1, AU, Molecular Characterization of SCI for Medications Development in the Rat Model
  - 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model
  - 1053, RA, Biogeography of Small Non-Volant Mammals in the Northern Neotropics
  - 1054, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness
6. Protocols PENDING approval:
  - 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)

- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 1051, HO, Functional Microcircuitry
- 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
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<http://www.ccny.cuny.edu/irb/> (website)



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## INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Date: April 10, 2019

Location: Faculty Senate Shepard Hall Room 150

TO: Institutional Animal Care and Use Committee

Prof. Steven Nicoll (Chairperson)	-	Biomedical Engineering
Prof. Andreas Kottmann	-	Biomedical Education
Ms. Gloria Callender	-	Community Member
Ms. Tricia Mayhew-Noel	-	Research Ethics & Safety
Prof. Mark Pezzano	-	Biology
Dr. Sulli Popilskis	-	Veterinarian
Mr. Harry Acosta	-	Animal Care Facility Manager
Mr. Richard Belgrave	-	EHOS Facilities Manager

### AGENDA:

Discussion – Memorandum of Understanding.

- Protocols to be reviewed Full Committee:
  - 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D)
- Protocols to be assigned and reviewed Designated Member Review (DMR):
  - 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
  - 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
  - 1018.1A3, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
  - 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)
- Protocols previously approved via DMR:
  - 1026.1, AU, Molecular Characterization of SCI for Medications Development in the Rat Model
  - 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model
  - 1053, RA, Biogeography of Small Non-Volant Mammals in the Northern Neotropics
  - 1054, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness
- Protocols PENDING approval:
  - 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
  - 1046, AR-C, Neurovascular Development in Mice (Cat. D)

- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 1051, HO, Functional Microcircuitry
- 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**From:** Tricia Mayhew-Noel  
**Sent time:** 08/27/2019 02:15:56 PM  
**To:** Gloria Callender ([REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Andreas Kottmann <AKottmann@med.cuny.edu>; Steven Nicoll; Harry Acosta; Kaliris Salas; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC Meeting Aug. 30, 11-1pm  
**Attachments:** Agenda 8-30-19.docx 1064 ARC Breeding .doc 1065 ARC NIH.doc 1066 ARC Karp.doc 1058 MS, Osteocyte stress-July19.docx 1059 SG 2019 new Breeding-protocol-.docx 1060 SG ACF protocol-2019-New IACUC Application.docx 1061 KH 2019.pdf 1061 RA, IACUC-Lingyan\_2019\_July\_TNBC.pdf 1062 RS 2019.docx 1063 KO Bioblitz.docx 1030.1, JD, Protocol Renewal\_Progress Report - 1030 AC (Active).pdf

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#### IACUC Members:

The Agenda for **8/30/19** is attached. The room is still to be determined, as soon as one is available you will be informed.

Confirmed Attendance thus far:

Steven Nicoll, Andreas Kottman, Harry Acosta and Gloria Callender.

Please **CONFIRM** your attendance if you have not done so already.

#### AGENDA:

Discussion – None.

Minutes to be ratified:

- None

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, KH, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).
- 1062, RS, Adolescent Exposure to Abused Substances (Cat. E)
- 1063, KD, 2019 Macaulay Honors College Green-Wood Gowanus Bioblitz (Cat. B)
- 1064, AR-C, Activity-Dependent Development of Auditory Neurons – Breeding (Cat.)
- 1065, AR-C, Activity-Dependent Development of Auditory Neurons – Experimental (Cat. D)
- 1066, AR-C, Effect of Hypoxia and Anesthesia on Brain Vascular Physiology – Cat. B)

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)

- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

---

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>

**Sent:** Tuesday, August 27, 2019 8:47 AM

**To:** Steven Nicoll <snicoll@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender (██████████@hotmail.com) <██████████@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano <██████████@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll (██████████@gmail.com); Sulli Popilskis <Sulli\_Popilskis@nymc.edu>

**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>

**Subject:** RE: URGENT ADHOC IACUC Meeting

Will be there. Andreas

---

**From:** Steven Nicoll [<mailto:snicoll@ccny.cuny.edu>]

**Sent:** Monday, August 26, 2019 8:18 AM

**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas Kottmann <AKottmann@med.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender (██████████@hotmail.com) <██████████@hotmail.com>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano <██████████@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll <██████████@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>

**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>

**Subject:** Re: URGENT ADHOC IACUC Meeting

Correction, the meeting is scheduled for Friday, Aug. 30 from 11-1.

Thanks,  
Steve

---

**From:** Steven Nicoll

**Sent:** Friday, August 23, 2019 7:05 PM

**To:** Tricia Mayhew-Noel; Andreas Kottmann; Harry Acosta; Gloria Callender (██████████@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steve Nicoll; Sulli Popilskis

**Cc:** Institutional Animal Care and Use Committee

**Subject:** Re: URGENT ADHOC IACUC Meeting

Dear IACUC Members,

The protocols for review on Thursday, Aug. 29th from 11-1 are attached. Karen Hubbard is now the PI for protocol 1061, replacing Robert Alfano. We've added 1063 Bioblitz from Kelly O'Donnell, three protocols from Adrian Rodriguez-Contreras (1064-1066) and a protocol from Ratna Sircar (1062). Protocols 1059 and 1060 (Goyert) will be reviewed via DMR by me as will the renewal for 1030 (Dmochowski). Many of these additional protocols would have been DMR but there wasn't sufficient time to send them to the committee in advance.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel

**Sent:** Wednesday, August 21, 2019 6:23 PM

**To:** Andreas Kottmann; Harry Acosta; Gloria Callender (██████████@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis

**Cc:** Institutional Animal Care and Use Committee

**Subject:** URGENT ADHOC IACUC Meeting

Dear IACUC Members,

It is urgent that we schedule an IACUC Meeting as soon as possible.

Obtained by Rise for Animals. Uploaded 07/08/2020

Please see the link of the DOODLE Poll calendar to indicate your availability.

Please indicate your date of choice prior to **COB Tomorrow!**

The link to the poll can be found [here](#).

If you are unable to access the link please send me an email promptly.

Best Regards,  
Tricia

---

**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>  
**Sent:** Wednesday, August 21, 2019 1:40 PM  
**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender ([REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am available in principle from next Tuesday onwards. Maybe best to do a doodle poll? Andreas

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Sent:** Wednesday, August 21, 2019 12:21 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender ([REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am available until Wednesday.  
Tricia

---

**From:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Sent:** Wednesday, August 21, 2019 12:03 PM  
**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas H. Kottmann (<[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)>) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender ([REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar (I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1059. This number had been assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
City College of New York  
Director of Animal Care Facility  
P-212-650-8515  
F-212-6507545*

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 7, 2019 4:41 PM

**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender ( [REDACTED]@hotmail.com) < [REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano < [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll < [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** IACUC Meeting August 14, 2019

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. [Please note that Read Receipts are being requested to document acknowledgment of DMR projects.](#)

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)

- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)



CCNY Research Compliance  
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FAX: 212-650-8344  
Email: iacuc@ccny.cuny.edu

## INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Date: August 30, 2019

Location: Faculty Senate Shepard Hall Room 150

TO: Institutional Animal Care and Use Committee

Prof. Steven Nicoll (Chairperson)	-	Biomedical Engineering
Prof. Andreas Kottmann	-	Biomedical Education
Ms. Gloria Callender	-	Community Member
Ms. Tricia Mayhew-Noel	-	Research Ethics & Safety
Prof. Mark Pezzano	-	Biology
Dr. Sulli Popilskis	-	Veterinarian
Mr. Harry Acosta	-	Animal Care Facility Manager
Mr. Richard Belgrave	-	EHOS Facilities Manager

### AGENDA:

Discussion – None.

Minutes to be ratified:

- None

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, KH, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).
- 1062, RS, Adolescent Exposure to Abused Substances (Cat. E)
- 1063, KD, 2019 Macaulay Honors College Green-Wood Gowanus Bioblitz (Cat. B)
- 1064, AR-C, Activity-Dependent Development of Auditory Neurons – Breeding (Cat.)
- 1065, AR-C, Activity-Dependent Development of Auditory Neurons – Experimental (Cat. D)
- 1066, AR-C, Effect of Hypoxia and Anesthesia on Brain Vascular Physiology – Cat. B)

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)

- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**From:** Tricia Mayhew-Noel  
**Sent time:** 08/07/2019 04:40:50 PM  
**To:** Gloria Callender ([REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC Meeting August 14, 2019  
**Attachments:** Agenda 8-14-19.docx 1061 RA, IACUC-Lingyan\_2019\_July\_TNBC.pdf 1030.1, JD, Protocol Renewal\_Progress Report - 1030 AC (Active).pdf 1058 MS, Osteocyte stress-July19.docx 1059 SG 2019 new Breeding-protocol-.docx 1060 SG ACF protocol-2019-New IACUC Application.docx

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Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. [Please note that Read Receipts are being requested to document acknowledgment of DMR projects.](#)

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
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1-212-650-7902 (phone)  
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<http://www.ccny.cuny.edu/irb/> (website)



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TEL: 212-650-7902  
FAX: 212-650-8344  
Email: iacuc@ccny.cuny.edu

## INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Date: August 14, 2019

Location: Faculty Senate Shepard Hall Room 150

TO: Institutional Animal Care and Use Committee

Prof. Steven Nicoll (Chairperson)	-	Biomedical Engineering
Prof. Andreas Kottmann	-	Biomedical Education
Ms. Gloria Callender	-	Community Member
Ms. Tricia Mayhew-Noel	-	Research Ethics & Safety
Prof. Mark Pezzano	-	Biology
Dr. Sulli Popilskis	-	Veterinarian
Mr. Harry Acosta	-	Animal Care Facility Manager
Mr. Richard Belgrave	-	EHOS Facilities Manager

### AGENDA:

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

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- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**From:** Tricia Mayhew-Noel  
**Sent time:** 10/03/2018 06:30:22 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC Meeting October 10, 2018  
1041 JY New MI 2018\_Cat D.pdf RS, 981.2A1, 2015 protocol\_amendment 082718.docx 968.3 MP 2018 animal protocol workbook.pdf 968.3 MP 2018 Development and Maintenance of Thymic Epithelial Microenvi....docx Fw Amendment to IACUC protocol 981.msg 1040 JY NEW cardiomyocytes 2018s\_Cat C.pdf 1030A1 JD Rat Study IACUC Protocol\_Amendment\_10\_02\_2018.pdf 969.3 MP 2018 Development and Maintenance of Thymic Epithelial Microenvi....docx 1015 Renewal Yoshioka 2018.pdf 1016 JY IACUC-Protocol-Annual Review-JY Sep 2018 v1.pdf

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Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **October 10th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the tentative agenda and protocols attached:

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR review.

Any objections to DMR Review will be brought to the committee for review.

**KINDLY CONFIRM YOUR ATTENDANCE.**

1. Review of Minutes from meeting – August 8, 2018

2. Protocols to be reviewed Full Committee:

- 1041, JY, Experimental Acute Myocardial Infarction in Mice (Cat. D)
- 981.2A1, RS, Adolescent Exposure to Abused Substances (Cat. E)
- 968.3, MP, Development and Maintenance of Thymic Epithelial Microenvironments (Cat. D)

3. Protocols to be assigned and reviewed Designated Member Review (DMR):

- 1040, JY, Stress-induced genes in Cardiac Cells (Cat C)
- 1030A1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D)
- 969.3, MP, Development and Maintenance of Thymic Epithelial Microenvironments (Breeding Protocol) (Cat. C)
- 1015.1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding) (Cat. B)
- 1016.1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Experimental) (Cat D)

4. Protocols previously approved via DMR:

- 989.1, DR, Water and macromolecular transport & accumulation in rat aorta: Aquaporin expression in aortic endothelial cells and sub-endothelial intima compression with pressure (Cat. D)
- 981.2, RS, Adolescent Exposure to Abused Substances (Cat. E)
- 1036, JT, The Role of Glypican-1 in Controlling Flow Mediated NO Production (Cat. C)
- 1038A1, JM, Maladaptive Corticospinal Tract Plasticity (Cat. D) (Contusion)
- 954.3A2, JM, Maladaptive Corticospinal Tract Plasticity (Cat. D)

- 1017A2, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding) (Cat. C)
- 1018A2, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Cat. C)

5. Protocols PENDING approval:

- 1039, OW, NSF CAREER: Understanding Memory from Brain Cells to Birdsong (Cat. C)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
 City College of New York  
 Division for Research  
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 1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 08/31/2018 11:04:05 AM  
**To:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Cc:** Tricia Mayhew-Noel  
**Subject:** Fw: Amendment to IACUC protocol 981  
**Attachments:** sircar 2015 protocol\_amendment 082718.docx

---

FYI

---

**From:** Ratna [REDACTED]@gmail.com>  
**Sent:** Wednesday, August 29, 2018 3:00 PM  
**To:** Steven Nicoll; Harry Acosta  
**Subject:** RE: Amendment to IACUC protocol 981

Dear Dr. Nicoll,

We are pursuing a new lead in research, and want to study the effect of male gonadal hormone testosterone on learning and memory. Some male rats will be orchidectomized (bilateral removal of testes) and given hormone supplementation. Attached is the approved protocol with amendment made in red font. No additional animals are being requested. Please approve the amendment at the earliest so that we may be able to start our experiments. Thank you Ratna

Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
160 Convent Avenue  
New York, NY 10031  
phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 09/12/2018 03:36:54 PM  
**To:** Harry Acosta; Jun Yoshioka <jyoshioka@med.cuny.edu>; Institutional Animal Care and Use Committee  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC protocol submission  
**Attachments:** 1015 Renewal Yoshioka 2018.pdf 1016 Renewal Yoshioka 2018.pdf NEW cardiomyocytes Yoshioka 2018.pdf New MI Yoshioka 2018.pdf

---

Dear IACUC of CCNY:

cc. Mr. Harry Accosta

Please find Four PDF files attached in this email:

1.  
Renewal Protocol Application #1015
2.  
Renewal Protocol Application #1016
3.  
New Submission : Cardiomyocyte Isolation from Rat/Mouse neonates
4.  
New Submission : Mouse Experimental Myocardial Infarction

I have elaborated the detail as much as I can. They are standard procedures in our filed. But, if you find any concerns, please let me know.

Also, upon approval, please provide me approval letters ASAP. I need to submit them to Research Foundation as well as my grant sponsors.

Thank you very much for your attention.

Best regards,

Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Dept. of Molecular, Cellular & Biomedical Sciences  
CUNY School of Medicine, City College of New York  
160 Convent Avenue, Harris Hall Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: jyoshioka@med.cuny.edu*



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** July 13, 2017  
**To:** Jun Yoshioka, [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1015**  
Title: **Heart Failure in Mouse Models of Diabetes Mellitus (Breeding)**  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 720  
**Project Expires on: 07/12/2020**  
Number of Animals Approved for this period (**2017-2018**): 180

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **This Renewal will expire on 07/12/2018\***. You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE  
**Memorandum**

**Date:** August 17, 2017  
**To:** Jun Yoshioka, M.D., Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1016**  
Title: **Heart Failure in Mouse Models of Diabetes Mellitus**  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 780  
**Project Expires on: 08/17/2020**  
Number of Animals Approved for this period (**2017-2018**): 260

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. In addition, **Biosafety Committee approval is required before animal studies can be performed. This Renewal will expire on 08/17/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Alessandra Carriero  
**Sent time:** 06/11/2019 08:29:43 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Steven Nicoll  
**Subject:** IACUC protocols 1017 and 1018 - Remove Personel  
**Attachments:** Carriero\_Breeding protocol\_Remove Personnel.docx Carriero\_Initial Protocol\_Remove personel.docx MEMORANDUM.docx

---

Dear IACUC Committee,

I would like to remove [REDACTED] for my protocols 1017 and 1018. She is no working anymore in my lab. Changes are presented in the memorandum and highlighted in the attached protocols.

Thank you very much,

Alessandra

Dr. Alessandra Carriero  
The City College of New York  
Department of Biomedical Engineering  
212-650-7591

## MEMORANDUM

DATE: June 11, 2019

TO: IACUC Committee

FROM: Alessandra Carriero, PhD and PI of the Protocol

CC: Harry Acosta, Director of the Animal Care Facility

RE: Request to Add New Personnel to the Study

Protocol No: **1017, 1018**

Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**

As the principal investigator for this project, I would like to remove [REDACTED] from the personnel of my breeding and initial IACUC protocols (number 1017 and 1018, respectively).

Thank you



Alessandra Carriero

**From:** Alessandra Carriero  
**Sent time:** 05/07/2019 04:48:38 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; [REDACTED]; [REDACTED] [REDACTED]@gmail.com>; Steven Nicoll  
**Subject:** IACUC protocols 1017 and 1018  
**Attachments:** MEMORANDUM.docx Carriero\_Breeding protocol\_Add Personnel\_Niovi\_Sam.docx Carriero\_Initial Protocol\_Add personel\_NioviSam.docx

---

Dear IACUC Committee,

please approve the change in personel for my protocols 1017 and 1018: I would like to remove Matthew Ziff and include [REDACTED] and [REDACTED]. Changes are presented in the memorandum and highlighted in the attached protocols.

Thank you very much,

Alessandra

Dr. Alessandra Carriero  
The City College of New York  
Department of Biomedical Engineering  
212-650-7591

## MEMORANDUM

DATE: May 7, 2019

TO: IACUC Committee

FROM: Alessandra Carriero, PhD and PI of the Protocol

CC: Niovi Dollas, Minsup Sam Jeong, Harry Acosta, Director of the Animal Care Facility

RE: Request to Add New Personnel to the Study

Protocol No: **1017, 1018**

Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**

As the principal investigator for this project, I would like to obtain IACUC approval for adding [REDACTED] and [REDACTED], as a new personnel to my breeding and initial protocols. They both attended all the required courses and completed the cititraining. I instead remove Matthew Ziff from the personnel.

Thank you



Alessandra Carriero

**From:** Adrian Rodriguez Contreras  
**Sent time:** 10/31/2018 05:40:39 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** New animal protocol  
**Attachments:** APPLICATION\_Rodriguez-Contreras\_103118.docx

---

Dear IACUC members,

Attached is a request for a new experimental animal protocol to work with mice.

Let me know if you need more information.

Thank you,

Adrian Rodriguez-Contreras

**From:** Adrian Rodriguez Contreras  
**Sent time:** 10/18/2018 04:47:52 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** New animal protocol  
**Attachments:** APPLICATION\_Rodriguez-Contreras\_040818.docx

---

Dear members of IACUC,

This is to request your review of a new animal protocol to breed mice for neuroscience research. I meant to submit this application before protocol 841 expired, but it clearly is too late. This is the reason to submit a new protocol.

Thank you,

Adrian Rodriguez-Contreras

**From:** Adrian Rodriguez Contreras  
**Sent time:** 08/09/2019 06:09:51 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** New experimental mouse protocol  
**Attachments:** MouseExperimentalHKF\_ARC080919.doc

---

Dear members of IACUC,

I would like to submit a new animal protocol for experiments with mice.

See attached file.

Thank you for your consideration.

Adrian Rodriguez-Contreras  
Associate Professor  
Biology Department  
212-650-5899

**From:** Mitchell Schaffler  
**Sent time:** 07/17/2019 02:48:05 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** New IACUC application  
**Attachments:** Osteocyte stress-July19.docx ATT00001.htm

---

Dear Committee

Attached please find a new protocol application to expand our recent studies of osteocyte oxidative stress and its control of bone remodeling and osteoporosis.

Thank you

**Mitchell B. Schaffler, Ph.D.**

CUNY Distinguished Professor & Wallace H. Coulter Professor of Biomedical Engineering  
Chairman, Department of Biomedical Engineering  
The City College of New York  
Steinman Hall, T-401  
160 Convent Avenue  
New York, NY 10031

Phone: 212-650-5070

Fax: 212-650-7003

Email: [mschaffler@ccny.cuny.edu](mailto:mschaffler@ccny.cuny.edu)

**From:** Alessandra Carriero [REDACTED]@gmail.com>  
**Sent time:** 10/15/2018 10:35:02 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** New IACUC protocol submission for NIH grant proposal submission  
**Attachments:** Carriero\_Initial Protocol\_Hearing.docx

---

Dear IACUC committee,

please consider the submission of this new IACUC protocol for acquiring pilot data for a grant submission to NIH.  
Thank you very much,

Alessandra

Dr. Alessandra Carriero  
Department of Biomedical Engineering  
The City College of New York  
212-650-7591

**From:** Adrian Rodriguez Contreras  
**Sent time:** 08/09/2019 03:48:14 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** New mouse breeding protocol  
**Attachments:** Prot-Appl-Form-updated-1-8-14\_MouseBreedingHKF\_ARC080919.doc

---

Dear members of IACUC,

Attached is a new application to breed mice for a Harvey Karp fund supported project.

Thank you for your consideration.

Adrian Rodriguez-Contreras  
Associate Professor  
Biology Department  
212-650-5899

**From:** Adrian Rodriguez Contreras  
**Sent time:** 08/09/2019 03:46:32 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** New protocol for mouse breeding  
**Attachments:** Prot-Appl-Form-updated-1-8-14\_MouseBreedingHKF\_ARC080919.doc

---

Dear members of IACUC,

Attached is a new application to breed mice for a NIH supported project.

Thank you for your consideration.

Adrian Rodriguez-Contreras  
Associate Professor  
Biology Department  
212-650-5899

**From:** Marwa M Mahmoud  
**Sent time:** 11/07/2018 11:17:23 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** [REDACTED]@yahoo.com; John Tarbell  
**Subject:** New protocol submission  
**Attachments:** IACUC protocol nov 2018 tarbell lab final.pdf

---

Hello,

Please find attached a new protocol submitted from the Tarbell lab.

Best wishes,

Marwa

Marwa Mahmoud, Ph.D.  
Postdoctoral Fellow  
Tarbell Lab  
Department of Biomedical Engineering  
The City College of New York

**From:** Shireen Saleque  
**Sent time:** 10/10/2018 01:56:08 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** New protocol submission  
**Attachments:** NEW-Protocol2015.docx

---

Hi Harry,

I realized belatedly that my protocol expired in September and I need to submit a new one ASAP. Could you please let me know if the attached form is still good for doing so or if there is a new one now. I could not find a new protocol form online so please send it to me if it is different from this one. Thanks,  
Shireen.

**From:** Steven Nicoll  
**Sent time:** 01/07/2019 08:55:48 AM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** New Protocol

---

Dear Dr. Saleque,

I have a few questions regarding your new protocol that require your attention.

1. P. 8, Table 3 - Are survival surgeries included in this protocol? If not, the section should be left blank.
2. P.9, item 5: Hazards, is there a reason "Irradiator" is checked "Yes"?
3. P.12, item 1.A, the non-technical objectives section needs to be shortened and described using less technical terminology.
4. P.16, states "*Rcor2*+/-mice will be imported from another lab shortly for similar breeding and phenotypic analysis." Please specify the lab.
5. P. 17, please clarify the animal numbers. The total number of animals requested is listed as 618 on the cover page, but on P. 17 it also lists 210/yr, which would total 630 over 3 years.
6. P.18, item 8, please provide details of the tail bleeding procedure. When will blood be collected and from which animals?

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Asohan Amarasingham  
**Sent time:** 06/06/2019 10:54:09 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** NIH U01 Proposal (6/10 Submission) [No experiments at CCNY]

---

Hi,

I am submitting a multi-institutional NIH U01 proposal (Proposal #19-0467 in Cayuse) in which CCNY will be the lead institution. NYU and NJIT are partner institutions.

There will be no animal or human experiments conducted at CCNY (or NJIT), though there will be animal experiments conducted at NYU. Data from those experiments will be analyzed by mathematicians at CCNY. What is required for regulatory compliance on CCNY's side?

Thanks,  
Asohan Amarasingham  
Dept. of Mathematics  
City College of New York

**From:** Hysell Oviedo  
**Sent time:** 10/31/2018 10:47:57 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Oviedo 2018 protocol amendment  
**Attachments:** Oviedo ccny\_iacuc 2018 amendment.docx

---

Please find attached my CCNY protocol (#951) with two amendments highlighted in yellow.

In page 11 an extension to an approved procedure is described, and I have an updated list of lab members with approval to work in this project.

Thank you

Hysell V. Oviedo  
Assistant Professor  
The City College of New York  
New York, NY 10031  
hoviedo@ccny.cuny.edu  
212-650-8540

**From:** Hysell Oviedo  
**Sent time:** 12/10/2018 12:31:37 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** Oviedo new protocol  
**Attachments:** Oviedo ccny\_iacuc 2018 .docx

---

Please find attached a new protocol for the upcoming CCNY IACUC meeting.  
Thanks for your time.

Hysell V. Oviedo  
Assistant Professor  
The City College of New York  
New York, NY 10031  
hoviedo@ccny.cuny.edu  
212-650-8540

**From:** Steven Nicoll  
**Sent time:** 01/03/2019 02:00:31 PM  
**To:** Harry Acosta; Tricia Mayhew-Noel  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Protocol 932.4

---

I have reviewed and approve the renewal for protocol 932.4.

Thanks,

Steve

**From:** Steven Nicoll  
**Sent time:** 01/03/2019 10:36:23 PM  
**To:** Mark Emerson  
**Cc:** Harry Acosta; Tricia Mayhew-Noel; Institutional Animal Care and Use Committee  
**Subject:** Protocol 932.5  
**Attachments:** 932.5 ME approval letter Jan 3 2019.pdf

---

Dear Dr. Emerson,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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New York, NY 10031  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** January 3, 2019  
**To:** Mark Emerson, Ph.D., [memerson@ccny.cuny.edu](mailto:memerson@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **932.5**  
Title: **Transcriptional Regulation of Cone Photoreceptor Genesis**  
Funding Source: NIH NEI 1R01EY024982-03  
Species: Mouse  
Total number of animals approved for the three-year project (**2016-2019**): 293  
**Project Expires on: 08/03/2019**  
Number of animals approved for this period (**2018-2019**): 181

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **A Full Application is due on 08/03/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Kevin Ryan  
**Sent time:** 05/23/2019 06:50:18 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Protocol 937.3 4th year renewal  
**Attachments:** 937.3\_Ryan\_Renewal\_2019\_Signed.pdf

---

Please see attached 4th year renewal for Protocol 937.3, and printed copy will be delivered to Shephard room 108B.

\*\*\*\*\*

Kevin Ryan, Professor  
Dept. of Chemistry & Biochemistry  
The City College of New York  
CDI Building, Room 4304  
85 Saint Nicholas Terrace  
New York, NY 10031  
212-650-8132 (office)  
212-650-8302 (Lab 4123)  
212-650-7583 (Lab 4312)  
<https://kryan.ccny.cuny.edu/>

*Mailing address:*

Dept. of Chemistry & Biochemistry  
MR-1024  
The City College of New York  
160 Convent Ave.  
New York, NY 10031

**From:** Steven Nicoll  
**Sent time:** 07/03/2019 12:35:05 PM  
**To:** Susannah Fritton  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 949.5  
**Attachments:** 949.5 SF approval letter June 28, 2019.pdf

---

Dear Dr. Fritton,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

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**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**  
**Memorandum**

**Date:** June 28, 2019  
**To:** Susannah Fritton, Ph.D., [fritton@ccny.cuny.edu](mailto:fritton@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **949.5**  
Title: **Effects of Reduced Mechanical Loading on Bone Microarchitecture and Osteocyte Mechanotransduction**  
Funding Source: NSF ENG/CMMI/BMMB 1400247  
Species: Rat  
Total number of animals approved for the three-year project (**2017-2020**): 156  
**Project Expires on: 05/10/2020**  
Number of animals approved for this period (**2019-2020**): 52

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **A Full Application is due on 05/10/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 07/03/2019 12:33:54 PM  
**To:** Bingmei Fu  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 964.4  
**Attachments:** 964.4 BF approval letter June 28, 2019.pdf

---

Dear Dr. Fu,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** June 28, 2019  
**To:** Bingmei Fu, Ph.D., [fu@ccny.cuny.edu](mailto:fu@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
 Protocol No.: **964.4**  
 Title: **The Coupled Vascular Hypothesis for Transcranial Direct Current Stimulation (tDCS)**  
 Funding Source: NIH 1 R01 NS101362-01  
 Species: Rat  
 Total number of animals approved for the three-year project (**2018-2021**): 300  
**Project Expires on: 04/27/2021**  
 Number of animals approved for this period (**2019-2020**): 100

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 04/27/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 05/17/2019 04:38:45 PM  
**To:** Mark Emerson  
**Cc:** Tricia Mayhew-Noel; Institutional Animal Care and Use Committee; Harry Acosta  
**Subject:** Protocol 965.4  
**Attachments:** 965.4 ME approval letter May 17 2019.pdf

---

Dear Dr. Emerson,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

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New York, NY 10031  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** May 17, 2019  
**To:** Mark Emerson, Ph.D., [memerson@ccny.cuny.edu](mailto:memerson@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **965.4**  
Title: **Husbandry of Murine Models of Retinal Development**  
Funding Source: NIH NEI 1R01EY024982-04; PSC-CUNY cycle 49 #61776-00 49  
Species: Mouse  
Total number of animals approved for the three-year project (**2018-2021**): 830  
**Project Expires on: 03/23/2021**  
Number of animals approved for this period (**2019-2020**): 244

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 03/23/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 11/08/2018 10:58:29 AM  
**To:** Ratna <[REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 981.2  
**Attachments:** 981.2 RS approval letter Oct 10 2018.pdf

---

Dear Dr. Sircar,

Please find the attached IACUC letter regarding its review of the subject protocol. This letter should have been sent to you earlier.

Best,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

Date: October 10, 2018  
To: Ratna Sircar, Ph.D., [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **981.2**  
Title: **Adolescent Exposure to Abused Substances**  
Funding Source: NIH/NIAAA R01AA017359  
Species: Rat  
Total number of animals approved for the three-year project (**2016-2019**): 1440  
**Project Expires on: 3/08/2019**  
Number of animals approved for this period (**2018-2019**): 480

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **A Full Application is due on 3/08/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 10/16/2018 11:48:50 AM  
**To:** Ratna Sircar  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 981.2A1  
**Attachments:** 981.2A1 RS, Modifications Required for Approval .pdf

---

Dear Dr. Sircar,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: October 15, 2018

TO: Ratna Sircar, Ph.D., [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **981.2A1**  
Title: **Adolescent Exposure to Abused Substances**

Action: Modifications are required to secure full approval

The IACUC met on October 10, 2018 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. P. 12, apply 1 dose of buprenorphine post surgery – add this to the description of the surgical procedure.
2. Item 11, P. 13, please clarify the number of animals that will be used for the orchidectomy studies from the original 1440 animals that were approved for this protocol.
3. CITI training should be checked off for all personnel if the training has been completed.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,



Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 10/16/2018 11:36:13 PM  
**To:** Ratna <[REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Protocol 981  
**Attachments:** 981.2A1 RS approval letter Oct 16 2018.pdf

---

Dear Dr. Sircar,

Please find the attached IACUC letter regarding its review of the amended subject protocol.

Best,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Steven B. Nicoll, Ph.D.  
Chairperson

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

Date: October 16, 2018  
To: Ratna Sircar, Ph.D., [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **981.2A1**  
Title: **Adolescent Exposure to Abused Substances**  
**Add:** - Orchidectomy Procedure  
- Personnel  
Funding Source: NIH/NIAAA R01AA017359  
Species: Rat  
Total number of animals approved for the three-year project (**2016-2019**): 1440  
**Project Expires on: 3/08/2019**  
Number of animals approved for this period (**2018-2019**): 480

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **A Full Application is due on 3/08/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 12/03/2018 11:34:03 AM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Protocol 1000.2

---

Dear Dr. Rodriguez-Contreras,

Please revise your annual renewal for protocol 1000.2 to indicate that the new light cycle studies will be performed in Marshak 114A.

Thanks,

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Adrian Rodriguez Contreras  
**Sent time:** 09/20/2018 09:22:40 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Protocol 1000  
**Attachments:** 1000.1 AR-C Renewal-Form\_2017-2018 revised\_092018.docx

---

Dear IACUC committtee,

Attached is a request to renew protcol 1000. Briefly:

**We would like to implement a change in the way animals are maintained for evry year of funding. In the past we have purchased 40 dams and 20 males for each of the 3 experiments conducted every year. We realize that we can optimize the project budget by purchasing 40 dams and 20 males only one time instead of three times. Since the pups we use in experiments come from a selection of litters (around 4 to 6 litters) we ave plenty of pups that can be reused for breeding. So we propose to wean 40 dams and 20 males from the non-selected litters to continue experiments 2 and 3 throughout the funding year. We will wean 2 dams and one male from 20 litters that will be randomly chosen from the group of non-selected litters used in the study. Animals will be housed in trios from P21 to P40 and then females and males will be housed in pairs. Breeding will be done when animals are P75-P80. One male will be bred with two females and males used for breeding will not be littermates of the females. An advantage of this change in protocol is that we will have more control over the background of rats used in experiments. A second change that we wil implement is the culling of litters to eight pups per litter (4 females and 4 males). This will also help us keep the number of pups constant to avoid litter size confounds that can not be excluded from the current experiemental design. With these changes we will continue with the same experimental use of the pups which consists in measuring their auditory development as specified in the original protocol. We will also perform cross fostering experiments between selected litters, as has been described in previously approved versions of the protocol.**

**Thank you,**

**Adrian Rodriguez-Contreras**

**From:** Steven Nicoll  
**Sent time:** 06/17/2019 01:44:09 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1006.2  
**Attachments:** 1006.2 AK approval letter June 17 2019.pdf

---

Dear Dr. Kottmann,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

**Office of Research Compliance**

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**  
**Memorandum**

**Date:** June 17, 2019  
**To:** Andreas H. Kottmann, Ph.D., [akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., IACUC Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1006.2**  
Title: **Activation of the GPCR Smoothened as a Treatment of L-Dopa Induced Dyskinesia**  
Funding Source: NINDS 1 R21 NS095253-01A1, APDA  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 241  
**Project Expires on: 03/08/2020**  
Number of animals approved for this period (**2019-2020**): 80

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director to ensure that there is sufficient room in the facility to house your animals. **A full application is due on 03/08/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Jonathan Levitt  
**Sent time:** 09/12/2018 10:44:26 AM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** protocol 1007  
**Attachments:** 1007.1 JL approval letter Apr. 16 2018-signed.pdf

---

Just making sure that you have a copy of the most recent approval memo for our teaching protocol with my signature.

Jonathan B Levitt  
Professor and Chair  
Dept Biology MR526  
City College of New York  
160 Convent Ave  
New York NY 10031  
Tel: +1.212.650.8539  
Fax: +1.212.650.8585  
Email: jlevitt@ccny.cuny.edu

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** April 16, 2018  
**To:** Jonathan Levitt, Ph.D., [jlevitt@ccny.cuny.edu](mailto:jlevitt@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1007.1**  
Title: **Metabolic Rates of Endotherms - Bio 207**  
Funding Source: N/A  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 144  
**Project Expires on: 04/04/2020**  
Number of animals approved for this period (**2018-2019**): 48

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **This Renewal will expire on 04/04/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.



4/20/2018

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 10/17/2018 11:47:13 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1015

---

I have reviewed and approve the annual progress report/renewal of protocol 1015 (JY).

Thanks,

Steve

**From:** Steven Nicoll  
**Sent time:** 10/17/2018 11:53:23 AM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1015.1  
**Attachments:** 1015.1 JY approval letter Oct 17 2018.pdf

---

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

Date: October 17, 2018  
To: Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **1015.1**  
Title: **Heart Failure in Mouse Models of Diabetes Mellitus (Breeding)**  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 720  
**Project Expires on: 07/12/2020**  
Number of animals approved for this period (**2018-2019**): 180

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/12/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 04/12/2019 06:16:23 PM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1015.1A1  
**Attachments:** 1015.1A1 JY approval letter April 11 2019.pdf

---

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

Date: April 11, 2019  
To: Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **1015.1A1**  
Title: **Heart Failure in Mouse Models of Diabetes Mellitus (Breeding)**  
Add: - Mouse strain (Txnip homologue (ARRDC4)-knockout)  
- Personnel (Y. Nakayama)  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 720  
**Project Expires on: 07/12/2020**  
Number of animals approved for this period (**2018-2019**): 180

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/12/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 10/29/2018 12:14:31 PM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1016.1  
**Attachments:** 1016.1 JY approval letter Oct 29 2018.pdf

---

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

Date: October 29, 2018  
To: Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **1016.1**  
Title: **Heart Failure in Mouse Models of Diabetes Mellitus**  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 780  
**Project Expires on: 08/17/2020**  
Number of animals approved for this period (**2018-2019**): 520

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 08/17/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 04/12/2019 06:05:25 PM  
**To:** Linda Spatz  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1028.1  
**Attachments:** 1028.1 LS approval letter Apr. 11, 2019.pdf

---

Dear Dr. Spatz,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

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160 Convent Ave  
New York, NY 10031  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** April 11, 2019  
**To:** Linda Spatz, Ph.D., [lspatz@med.cuny.edu](mailto:lspatz@med.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
 Protocol No.: **1028.1**  
 Title: **Pathogenic Potential of Antibodies to a Viral Protein that Cross-React with dsDNA**  
 Funding Source: N/A  
 Species: Mouse  
 Total number of animals approved for the three-year project (**2018-2021**): 40  
**Project Expires on: 2/6/2021**  
 Number of animals approved for this period (**2019-2020**): 15

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 2/6/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 04/09/2019 11:57:59 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1028.1

---

I have reviewed and approve the annual progress report for protocol 1028.1 (LS).

Thanks,  
Steve

**From:** Steven Nicoll  
**Sent time:** 07/26/2019 12:49:43 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1030 Amendment (JD)  
**Attachments:** IACUC Protocol 1080 - Revision - 072619.pdf

---

The revised amended protocol 1030.A3 (attached) has been approved. Note - the PI incorrectly labeled the protocol number 1080.

Thanks,  
Steve

---

**From:** Jacek Dmochowski  
**Sent:** Friday, July 26, 2019 12:28 PM  
**To:** Steven Nicoll  
**Subject:** Re: IACUC review

Hi Steve,

Please find attached the amended protocol, with the added text about anesthesia monitoring highlighted to facilitate review.

Thanks,  
Jacek

**From:** Duc Nguyen  
**Sent time:** 10/02/2018 02:45:41 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Jacek Dmochowski; Harry Acosta  
**Subject:** Protocol 1030 Amendment  
**Attachments:** Rat Study IACUC Protocol\_Amendment\_10\_02\_2018.pdf

---

To CCNY's IACUC,

Attached is a PDF of Protocol 1030 with some edited amendments (highlighted in document for convenience).

The amendments are as followed:

1. Lidocaine (4%) gel was added to Drugs and Substance list under analgesic as we use these in the ears of the rats when they are fixed via ear bars to the stereotactic frames during surgery.
2. Secondary confirmation for death was updated to thoracotomy from decapitation as this method is cleaner and easier.
3. Housing and husbandry was updated to reflect the separation of rats into individualized cages after a certain amount of time or weight due to increase in size and aggression from male rats housed together. Additional environmental enrichment will be provided once individually caged.

Thank you,  
Duc Nguyen

**From:** Steven Nicoll  
**Sent time:** 08/30/2019 08:43:12 AM  
**To:** Jacek Dmochowski  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1030.1  
**Attachments:** 1030.1 JD approval letter Aug 30 2019.pdf

---

Dear Dr. Dmochowski,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** August 30, 2019  
**To:** Jacek Dmochowski, Ph.D., [jdmochowski@ccny.cuny.edu](mailto:jdmochowski@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1030.1**  
Title: **Ultrasonic Neuromodulation of Brain Oscillations in the Rat**  
Funding Source: NIH NIDA K18DA045437-01  
Species: Rat  
Total number of animals approved for the three-year project (**2018-2021**): 130  
**Project Expires on: 03/28/2021**  
Number of animals approved for this period (**2019-2020**): 70

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The annual progress report is due on 03/28/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 08/30/2019 08:39:05 AM  
**To:** Institutional Animal Care and Use Committee; Harry Acosta  
**Cc:** Tricia Mayhew-Noel  
**Subject:** Protocol 1030.1

---

I have reviewed and approve the annual progress report for protocol 1030.1 (JD).

Thanks,  
Steve

**From:** Steven Nicoll  
**Sent time:** 10/29/2018 11:34:21 AM  
**To:** Jacek Dmochowski  
**Cc:** Harry Acosta; Duc Nguyen; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Protocol 1030.A2  
**Attachments:** 1030.A2 JD approval letter Oct 26 2018.pdf

---

Dear Dr. Dmochowski,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

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Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** October 26, 2018  
**To:** Jacek Dmochowski, Ph.D., [jdmochowski@ccny.cuny.edu](mailto:jdmochowski@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1030.A2**  
Title: **Ultrasonic Neuromodulation of Brain Oscillations in the Rat**  
**Add:** Analgesia, Secondary Confirmation of Death, Single Housing  
Funding Source: NIH NIDA K18DA045437-01  
Species: Rat  
Total number of animals approved for the three-year project (**2018-2021**): 30  
**Project Expires on: 03/28/2021**  
Number of animals approved for this period (**2018-2019**): 30

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The annual progress report is due on 03/28/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 07/28/2019 10:01:18 AM  
**To:** Jacek Dmochowski  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1030.A3  
**Attachments:** 1030.A3 JD approval letter July 26 2019.pdf

---

Dear Dr. Dmochowski,

Please find the attached IACUC letter regarding its review of the subject protocol. Also, please be advised that your annual progress report is overdue.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** July 26, 2019  
**To:** Jacek Dmochowski, Ph.D., [jdmochowski@ccny.cuny.edu](mailto:jdmochowski@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1030.A3**  
Title: **Ultrasonic Neuromodulation of Brain Oscillations in the Rat**  
**Add:** - Increase in animal numbers (by 100)  
- Add urethane for anesthesia, including monitoring  
- Personnel updates (remove Christian Fong, update experience)  
- Add lubricating eye gel  
Funding Source: NIH NIDA K18DA045437-01  
Species: Rat  
Total number of animals approved for the three-year project (2018-2021): 130  
**Project Expires on: 03/28/2021**  
Number of animals approved for this period (2018-2019): 30

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The annual progress report is due on 03/28/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 09/04/2018 02:41:28 PM  
**To:** John Tarbell  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1036  
**Attachments:** 1036 JT approval letter Sept. 4, 2018.pdf

---

Dear Dr. Tarbell,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** September 4, 2018  
**To:** John M. Tarbell, [Tarbell@ccny.cuny.edu](mailto:Tarbell@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1036**  
Title: **The Role of Glypican-1 in Controlling Flow-Mediated NO Production**  
Funding Source: NA  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2018-2021**): 40  
**Project Expires on: 09/04/2021**  
Number of Animals Approved for this period (**2018-2019**): 40

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 09/04/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 09/30/2018 05:41:29 PM  
**To:** Osceola Whitney  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Protocol 1039  
**Attachments:** 1039 OW, Modifications Required for Approval .pdf

---

Dear Dr. Whitney,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: September 28, 2018

TO: Osceola Whitney, Ph.D., [owhitney@ccny.cuny.edu](mailto:owhitney@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1039**  
Title: **NSF CAREER: Understanding Memory from Brain Cells to Birdsong**


Action: Modifications are required to secure full approval

Your protocol was reviewed by a designated member of the IACUC and requires modifications before it can be approved. Please respond to the following comments:

1. The protocol is category C. Please correct the category listing on the cover page.
2. CDI room 3.217 will need to be inspected before experiments can be performed.
3. Anesthesia will be induced with isoflurane (table states 3% but in the text on page 12 – it is 5%). Please be consistent.
4. Induction will be followed by the injectable anesthetic equithesin (it is a mixture of chloral hydrate, pentobarbital and magnesium sulfate). It is okay to use this for non-survival surgery but there is no pharmaceutical grade available. On Page 7, the PI needs to mark the box “yes” instead of “no” for use of non-pharmaceutical grade medication, and provide justification, etc.
5. Page 11.2, the PI states that the animals will be anesthetized via inhalation induction and maintained by the injectable anesthetic. Please insert the names of the drugs from the table.
6. Pages 12-14 in the text. Obtaining blood is considered to be a minor procedure not surgery. Please replace throughout the text.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,

A handwritten signature in blue ink that reads "Steve Nicoll". The signature is written in a cursive, flowing style.

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 10/31/2018 11:54:21 AM  
**To:** Osceola Whitney  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Protocol 1039  
**Attachments:** 1039 OW approval letter Oct 31 2018.pdf

---

Dear Dr. Whitney,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** October 31, 2018  
**To:** Osceola Whitney, Ph.D., [owhitney@ccny.cuny.edu](mailto:owhitney@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1039**  
Title: **From Brain Cells to Birdsong**  
Funding Source: NSF 190007  
Species: Zebra Finches  
Total number of animals approved for the three-year project (**2018-2021**): 99  
**Project Expires on: 10/26/2021**  
Number of animals approved for this period (**2018-2019**): 33

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 10/26/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 11/29/2018 04:06:26 PM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Protocol 1041  
**Attachments:** 1041 JY approval letter Nov 29 2018.pdf

---

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

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### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** November 29, 2018  
**To:** Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1041**  
Title: **Experimental Acute Myocardial Infarction in Mice**  
Funding Source: CCNY Start-up Funds  
Species: Mouse  
Total number of animals approved for the three-year project (**2018-2021**): 200  
**Project Expires on: 11/29/2021**  
Number of animals approved for this period (**2018-2019**): 100

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 11/29/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 11/21/2018 04:35:20 PM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1041  
**Attachments:** 1041 JY, Modifications Required for Approval.pdf

---

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: November 20, 2018

TO: Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1041**  
Title: **Experimental Acute Myocardial Infarction in Mice**

Action: Modifications required to secure approval

The IACUC met on November 14, 2018 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. P. 9., Literature Search, please combine search terms “non-animal model” and “alternatives to painful procedures” with other terms specific to the model/procedure such as “myocardial infarction” when performing the search, and report the results (i.e., number of hits).

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,



Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 10/16/2018 11:46:59 AM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1041  
**Attachments:** 1041 JY, Tabled - Modifications Required for Approval .pdf

---

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Best,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: October 15, 2018

TO: Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1041**  
Title: **Experimental Acute Myocardial Infarction in Mice**

Action: Tabled

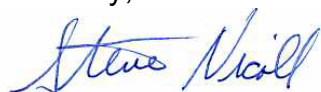
The IACUC met on October 10, 2018 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Remove the pending NIH funding source on the cover page.
2. P. 8, 1A provide more detail on the objectives of the work.
3. P. 9., Literature Search, add search terms “non-animal model” and “alternatives to painful procedures” and update AHA meeting reference to 2018.
4. P. 11, Details of Animal Use, please justify the length of the experiment and specify the time points. The statement “Typical experiments are one week long but in some cases, 3-12 weeks of long-term observation can be useful” is not satisfactory. What are the assessments and outcome measures to be evaluated and what is the hypothesis with respect to the knockout model (i.e., what is expected?). The outcome measures and time points need to be tied to the proposed animal numbers described in section 11, P. 16.
5. P. 14, use nylon sutures or staples rather than silk sutures (i.e., less reactive sutures that do not predispose animals to infection). The statement “Use slip knot if artery is to be reperfused” needs to be clarified. Is reperfusion injury a part of the protocol?
6. P.14, describe the steps to monitor anesthesia. The statement “standard clinical indicators of anesthesia depth” is vague. Toe pinch (i.e., somatic senses) is recommended and everything else listed in the section should be deleted.

7. Item 11, P. 16 – justify the animal numbers better. Why are 10-20 animals needed per group? Is it based on pilot data, published literature etc.? Also, tie the numbers to the specific outcome measures and time points.
8. Be consistent with buprenorphine dose and route – 0.1 mg/kg IP or SQ (as in Table 4) not IM or 0.03-0.05. mg/kg (p. 11 and P. 15).
9. Item 14, P. 16-17, describe the experience of the PI and staff with this particular procedure for inducing MI in mice.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,

A handwritten signature in blue ink, reading "Steve Nicoll". The signature is fluid and cursive, with the first name "Steve" and last name "Nicoll" clearly distinguishable.

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 10/16/2018 02:43:10 PM  
**To:** Mark Pezzano <[REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1042  
**Attachments:** 1042 MP approval letter Oct 16 2018.pdf

---

Dear Dr. Pezzano,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Steven B. Nicoll, Ph.D.  
Chairperson

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** October 16, 2018  
**To:** Mark Pezzano, Ph.D., [mpezzano@ccny.cuny.edu](mailto:mpezzano@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1042**  
Title: **Development and Maintenance of Thymic Epithelial Microenvironments**  
Funding Source: NIH/NIMHD overhead 92378-00-04  
Species: Mouse  
Total number of animals approved for the three-year project (**2018-2021**): 2123  
**Project Expires on: 10/16/2021**  
Number of animals approved for this period (**2018-2019**): 483

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 10/16/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 10/25/2018 08:48:38 PM  
**To:** Mark Pezzano <[REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1043  
**Attachments:** 1043 MP approval letter Oct 25 2018.pdf

---

Dear Dr. Pezzano,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

Date: October 25, 2018  
To: Mark Pezzano, Ph.D., [mpezzano@ccny.cuny.edu](mailto:mpezzano@ccny.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **1043**  
Title: **Development and Maintenance of Thymic Epithelial Microenvironments (Breeding)**  
Funding Source: NIH/NIMHD overhead 92378-00-04  
Species: Mouse  
Total number of animals approved for the three-year project (**2018-2021**): 1566  
**Project Expires on: 10/25/2021**  
Number of animals approved for this period (**2018-2019**): 522

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 10/25/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 11/30/2018 01:02:30 PM  
**To:** John Tarbell  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1049  
**Attachments:** 1049 JT approval letter Nov. 30, 2018.pdf

---

Dear Dr. Tarbell,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** November 30, 2018  
**To:** John M. Tarbell, [Tarbell@ccny.cuny.edu](mailto:Tarbell@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1049**  
Title: **The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness**  
Funding Source: NA  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2018-2021**): 40  
**Project Expires on: 11/30/2021**  
Number of Animals Approved for this period (**2018-2019**): 20

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 11/30/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 02/04/2019 05:37:03 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1051  
**Attachments:** Oviedo CCNY\_jacuc 2019 final.docx

---

I have reviewed and approve the attached revised protocol 1051 by Dr. Oviedo.

Thanks,

Steve

**From:** Steven Nicoll  
**Sent time:** 02/04/2019 06:00:38 PM  
**To:** Hysell Oviedo  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1051  
**Attachments:** 1051 HO approval letter Feb. 4, 2019.pdf

---

Dear Dr. Oviedo,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** February 4, 2019  
**To:** Hysell Oviedo, Ph.D., [hoviedo@ccny.cuny.edu](mailto:hoviedo@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1051**  
Title: **Functional Microcircuitry**  
Funding Source: NSF  
Species: Mouse  
Total number of animals approved for the three-year project (**2019-2022**): 462  
**Project Expires on: 2/4/2022**  
Number of animals approved for this period (**2019-2020**): 154

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 2/4/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 01/18/2019 12:57:10 PM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1052  
**Attachments:** 1052 SS approval letter Jan. 18, 2019.pdf

---

Dear Dr. Saleque,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** January 18, 2019  
**To:** Shireen Saleque, Ph.D., [ssaleque@ccny.cuny.edu](mailto:ssaleque@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1052**  
Title: **Molecular Regulation of Mammalian Erythro-Megakaryocytic Development**  
Funding Source: NIH/NHLBI 1SC1 HL136277-02  
Species: Mouse  
Total number of animals approved for the three-year project (**2019-2022**): 630  
**Project Expires on: 1/17/2022**  
Number of animals approved for this period (**2019-2020**): 210

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 1/17/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 04/05/2019 01:03:53 PM  
**To:** Robert Anderson  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1053  
**Attachments:** 1053 RA approval letter Apr. 5, 2019.pdf

---

Dear Dr. Anderson,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** April 5, 2019  
**To:** Robert P. Anderson, Ph.D., [randerson@ccny.cuny.edu](mailto:randerson@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1053**  
Title: **Biogeography of Small Non-Volant Mammals in the Northern Neotropics**  
Funding Source: American Philosophical Society, start-up funds  
Species: Small non-volant mammals  
Total number of animals approved for the three-year project (**2019-2022**): 600  
**Project Expires on: 3/19/2022**  
Number of animals approved for this period (**2019-2020**): 300

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 3/19/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 04/05/2019 01:05:43 PM  
**To:** John Tarbell  
**Cc:** [REDACTED]@yahoo.com; Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1054  
**Attachments:** 1054 JT approval letter Apr. 5, 2019.pdf

---

Dear Dr. Tarbell,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

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160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** April 5, 2019  
**To:** John M. Tarbell, Ph.D., [jtarbell@ccny.cuny.edu](mailto:jtarbell@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1054**  
Title: **The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness**  
Funding Source: N/A  
Species: Mouse  
Total number of animals approved for the three-year project (**2019-2022**): 40  
**Project Expires on: 4/3/2022**  
Number of animals approved for this period (**2019-2020**): 40

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 4/3/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 05/23/2019 12:59:49 PM  
**To:** Bao Vuong  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1055  
**Attachments:** 1055 BV approval letter update Mar. 1, 2019.pdf

---

Dear Dr. Vuong,

Please find the attached IACUC letter regarding its review of the subject protocol. Please note that the approval date for this protocol was backdated to March 1, 2019 since the protocol it replaces (956.3) was active until 2021.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** March 1, 2019  
**To:** Bao Vuong, Ph.D., [bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1055**  
Title: **Molecular Mechanisms Regulating Immunoglobulin Diversification**  
Funding Source: NIGMS 1SC1GM132035-01  
Species: Mouse  
Total number of animals approved for the three-year project (**2019-2022**): 1400  
**Project Expires on: 3/1/2022**  
Number of animals approved for this period (**2019-2020**): 470

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 3/1/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 09/03/2019 07:08:21 PM  
**To:** Mitchell Schaffler  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta  
**Subject:** Protocol 1058  
**Attachments:** 1058 MS, Modifications Required for Approval.pdf

---

Dear Dr. Schaffler,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: September 2, 2019

TO: Mitchell Schaffler, Ph.D., [mschaffler@ccny.cuny.edu](mailto:mschaffler@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1058**  
Title: **Osteocytes, Mitochondrial Stress and Bone Loss In Vivo**

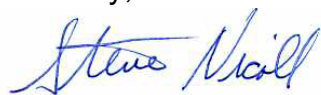
Action: Modifications are required to secure full approval

The IACUC met on August 30, 2019 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Please list Dr. Fritton in personnel based on her experience with the Botox injection model for hindlimb disuse.
2. Page 8, list "non-animal model" in the search terms for the literature search.
3. Page 15, 9.a., please use surgical gloves rather than nitrile gloves sprayed with disinfectant and 70% ethanol.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,



Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 09/04/2019 07:29:45 AM  
**To:** Karen Hubbard  
**Cc:** Institutional Animal Care and Use Committee; Andreas Kottmann <AKottmann@med.cuny.edu>  
**Subject:** Protocol 1061  
**Attachments:** 1061 KH, Modifications Required for Approval.pdf

---

Dear Dr. Hubbard,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: September 2, 2019

TO: Karen Hubbard, Ph.D., [khubbard@ccny.cuny.edu](mailto:khubbard@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1061**  
Title: **Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy**

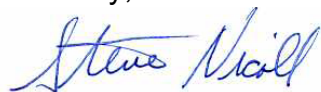
Action: Modifications are required to secure full approval

The IACUC met on August 30, 2019 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Pages 8-9, Table 5, isoflurane is not considered a hazard – please remove it from the section.
2. Page 14, item 9.a, please state the duration of maintenance under isoflurane anesthesia and the length of the procedure (including imaging).
3. Page 17, check clearances for the PI (Dr. Hubbard) in the personnel section.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,



Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 09/03/2019 05:35:18 PM  
**To:** [REDACTED]@gmail.com; Ratna Sircar  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Protocol 1062  
**Attachments:** 1062 RS, Modifications Required for Approval .pdf

---

Dear Dr. Sircar,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: September 2, 2019

TO: Ratna Sircar, Ph.D., [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1062**  
Title: **Adolescent Exposure to Abused Substances**

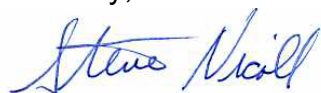
Action: Modifications are required to secure full approval

The IACUC met on August 30, 2019 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Please list the funding source(s) on the cover page.
2. Please reduce the list of agents to be investigated on pages 4-6 to only those few that will be used in the next year. Additional agents can be added at a later time via amendment.
3. Table 5, Hazards, Page 6, check all boxes "No" as applicable.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,



Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 09/04/2019 07:28:17 AM  
**To:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Protocol 1063  
**Attachments:** 1063 KO approval letter Sept 2 2019.pdf

---

Dear Dr. O'Donnell,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** September 2, 2019  
**To:** Kelly O'Donnell, Kelly.ODonnell@mhc.cuny.edu  
**From:** Steven B. Nicoll, Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
 Protocol No.: **1063**  
 Title: **2019 Macaulay Honors College Green-Wood Gowanus BioBlitz**  
 Funding Source: N/A  
 Species: Plants and animals observed  
**Project Expires on: 08/30/2022**  
 Number of Animals approved for this period (**2019-2020**): A count of all species of plants and animals in Green-Wood Cemetery and the Gowanus Canal over a 24-hour period, Sept 7-8, 2019.

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 08/30/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 09/04/2019 09:19:20 AM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta  
**Subject:** Protocol 1064  
**Attachments:** 1064 ARC, Modifications Required for Approval.pdf    Breeding-Protocol-Form.doc

---

Dear Dr. Rodriguez-Contreras,

Please find the attached IACUC letter regarding its review of the subject protocol. In addition, the appropriate breeding protocol form is attached.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: September 3, 2019

TO: Adrian Rodriguez-Contreras, [arodriguezcontreras@ccny.cuny.edu](mailto:arodriguezcontreras@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1064**  
Title: **Activity-Dependent Development of Auditory Neurons**

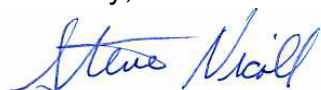
Action: Modifications are required to secure full approval

The IACUC met on August 30, 2019 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Please use the correct breeding protocol form
2. The protocol should be listed as Pain Category B on the cover page
3. Please clarify the number of mice per strain

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,



Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Mark Emerson  
**Sent time:** 04/23/2019 10:56:14 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** protocol annual renewal  
**Attachments:** 965RenewalApril19Signed.pdf

---

Dear CCNY IACUC,

Please find attached a signed 1st year renewal application for protocol 965.3. Thank you very much for your time in reviewing this application.

Best, Mark Emerson

\*\*\*\*\*

Mark Emerson, PhD  
Assistant Professor  
The City College of New York,  
The City University of New York  
CDI - 3N, Dept. of Biology  
85 St. Nicholas Terrace  
New York, NY. 10031  
(212)650-8417

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 08/19/2019 11:47:21 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Subject:** Protocol progress reports 1016 and 1015  
**Attachments:** 1016 IACUC-Protocol-Annual Review Yoshioka 1019.pdf 1015 Renewal Breeding protocol Yoshioka 1019.pdf

---

Dear IACUC,  
cc Mr. Harry Acosta,

Please find two attached PDF files.  
These are annual progress reports for my existing protocols, 1015 and 1016.  
If you have any concerns, please let me know. Thank you very much.

Best,

Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

---

**From:** Jun Yoshioka [mailto:[jyoshioka@ccny.cuny.edu](mailto:jyoshioka@ccny.cuny.edu)]  
**Sent:** Monday, October 22, 2018 5:28 PM  
**To:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>; Jun Yoshioka <[jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)>  
**Cc:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Subject:** Re: Protocol 1016.1

Dear Dr. Nicoll and IACUC,

Thank you for reviewing our renewal proposal of Protocol 1016. As advised, I have revised the form. I have added explanations regarding how the animals are used and the outcome measures.  
I also added one more personnel, a new post-doc in my lab who has just finished the animal training at Marshak.  
Please let me know if you need any other info.  
Best regards,

Jun Yoshioka

---

**From:** Steven Nicoll  
**Sent:** Wednesday, October 17, 2018 12:15 PM  
**To:** Jun Yoshioka  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1016.1

Dear Dr. Yoshioka,

Please explain in the attached renewal how adding the model of Type 1 Diabetes Mellitus in mice changes the current protocol with respect to how the animals are used and the various outcome measures.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Hysell Oviedo  
**Sent time:** 12/04/2018 02:48:16 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** protocol renewal  
**Attachments:** Oviedo IACUC-Protocol-Renewal-Form.docx

---

Please find attached my protocol renewal for the upcoming IACUC meeting.  
Thanks

Hysell V. Oviedo  
Assistant Professor  
The City College of New York  
New York, NY 10031  
hoviedo@ccny.cuny.edu  
212-650-8540

**From:** Ashiwel Undieh  
**Sent time:** 12/18/2018 11:31:00 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Protocol

---

Dear IACUC:

My funding agency has contacted me that my protocol has expired because it was approved for only one year. I have written back to explain that the approved period is actually 3 years, but there's no certainty that they'll accept my explanation. Could IACUC consider changing the language in the approval letter so that it is clear the protocol is active for three years? Most institutions I've worked with implement three-year approvals and conduct annual or semi-annual reviews, but those periodic reviews and any revisions are not part of the communication with external agencies.

Thank you,  
Ashiwel

=====  
Ashiwel S. Undieh, MPharm / PhD  
Professor, Neuroscience and Pharmacology, CUNY School of Medicine  
Head, Neuromedications Innovation Lab, 918 Marshak Building  
City University of New York (CUNY), City College  
160 Convent Avenue, New York, NY 10031  
Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)

=====  
"A good experiment answers at least one question and raises at least one new question" - ASU

**From:** Steven Nicoll  
**Sent time:** 12/03/2018 10:15:11 AM  
**To:** Alessandra Carriero  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocols 1017.1 and 1018.1  
**Attachments:** 1017.1 AC approval letter Dec 1 2018.pdf 1018.1 AC approval letter Dec 1 2018.pdf

---

Dear Dr. Carriero,

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** December 1, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1017.1**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding)**  
Funding Source: NSF CAREER grant 1829310  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/19/2020**  
Number of Animals Approved for this period (**2018-2019**): 496

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/19/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
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Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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New York, NY 10031  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** December 1, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018.1**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
Funding Source: NSF CAREER grant 1829310  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/26/2020**  
Number of Animals Approved for this period (**2018-2019**): 508

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/26/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

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Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 06/17/2019 01:22:25 PM  
**To:** Alessandra Carriero  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Protocols 1017.1A1 and 1018.1A1  
**Attachments:** 1017.1A1 AC approval letter June 17 2019.pdf 1018.1A1 AC approval letter June 17 2019.pdf

---

Dear Dr. Carriero,

Please find the attached IACUC letters regarding its review of the amendments to the subject protocols.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Steven B. Nicoll, Ph.D.  
Chairperson

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** June 17, 2019  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1017.1A1**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding)**  
**Amendment:** Personnel - add Minsup Sam Jeong  
- remove Niovi Dollas, Matthew Ziff  
Funding Source: NSF CAREER grant 1829310  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/19/2020**  
Number of animals approved for this period (**2018-2019**): 496

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/19/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

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Signature

Date

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Steven B. Nicoll, Ph.D.  
Chairperson

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** June 17, 2019  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018.1A1**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
**Amendment:** Personnel - add Minsup Sam Jeong  
- remove Niovi Dollas, Matthew Ziff  
Funding Source: NSF CAREER grant 1829310  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/26/2020**  
Number of Animals Approved for this period (**2018-2019**): 508

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Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 10/17/2018 02:07:08 PM  
**To:** Alessandra Carriero  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocols 1017.A2 and 1018.A2  
**Attachments:** 1017.A2 AC approval letter Oct 17 2018.pdf 1018.A2 AC approval letter Oct 17 2018.pdf

---

Dear Dr. Carriero,

Please find the attached IACUC letters regarding its review of the amendments to the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Steven B. Nicoll, Ph.D.  
Chairperson

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** October 17, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1017.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding)**  
**Add:** - Personnel – Dr. Shoshana Yakar  
- Genotyping timing  
Funding Source: NSF CAREER grant 1651632  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/19/2020**  
Number of Animals Approved for this period (**2017-2018**): 270

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/19/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

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Signature

Date

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Steven B. Nicoll, Ph.D.  
Chairperson

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** October 17, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
**Add:** - Personnel – Dr. Shoshana Yakar  
- Genotyping timing  
Funding Source: NSF CAREER grant 1651632  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/26/2020**  
Number of Animals Approved for this period (**2017-2018**): 270

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Signature

Date

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**From:** Steven Nicoll  
**Sent time:** 02/14/2019 11:58:48 PM  
**To:** Ashiwel Undieh  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocols 1026.1 and 1027.1  
**Attachments:** 1027.1 AU approval letter Feb. 14, 2019.pdf 1026.1 AU approval letter Feb. 14, 2019.pdf

---

Dear Dr. Undieh,

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** February 14, 2019  
**To:** Ashiwel S. Undieh, Ph.D., [aundieh@ccny.cuny.edu](mailto:aundieh@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1027.1**  
Title: **Pharmacologic Modulation of Neuroplasticity in the Mouse Model**  
Funding Source: NYS DOH1: DOH Contract# C32247GG  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 336  
**Project Expires on: 12/11/2020**  
Number of animals approved for this period (**2018-2019**): 150

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 12/11/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

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Signature

Date

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Steven B. Nicoll, Ph.D.  
Chairperson

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** February 14, 2019  
**To:** Ashiwel S. Undieh, Ph.D., [aundieh@ccny.cuny.edu](mailto:aundieh@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
 Protocol No.: **1026.1**  
 Title: **Pharmacologic Modulation of Neuroplasticity in the Rat Model**  
 Funding Source: NYS DOH: DOH Contract# C32247GG  
 Species: Rat  
 Total number of animals approved for the three-year project (**2017-2020**): 488  
**Project Expires on: 12/11/2020**  
 Number of animals approved for this period (**2018-2019**): 180

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 12/11/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

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Signature

Date

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**From:** Steven Nicoll  
**Sent time:** 01/25/2019 02:17:25 AM  
**To:** Ashiwel Undieh  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Protocols 1026.1 and 1027.1  
**Attachments:** 1027.1 AU, Modifications Required for Approval.pdf 1026.1 AU, Modifications Required for Approval.pdf

---

Dear Dr. Undieh,

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: January 23, 2019

TO: Ashiwel S. Undieh, Ph.D., [aundieh@ccny.cuny.edu](mailto:aundieh@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1027.1**  
Title: Pharmacologic Modulation of Neuroplasticity in the Mouse Model


Action: Modifications required to secure approval

The IACUC met on January 15, 2019 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. P.3, Table 4, justify the addition of these new agents to the protocol in the experimental design (P. 8) and in the justification for the use of non-pharmaceutical grade agents (P. 4).
2. P. 4, mention that the non-pharmaceutical grade agents are filter sterilized.
3. P. 5, Hazards, list the source of the shRNA and CRISPR vectors.
4. P. 7, this is not a 4<sup>th</sup> year renewal and the box should not be checked.
5. P. 10, make sure the numbers in the procedure are consistent with those detailed on p. 19, item 11. Also, the total number of animals listed on P. 19 should be consistent with the number on the cover page. Are there 336 or 346 total animals?
6. Biosafety approval is required before work can be initiated.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,

A handwritten signature in blue ink that reads "Steve Nicoll". The signature is written in a cursive, flowing style.

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: January 23, 2019

TO: Ashiwel S. Undieh, Ph.D., [aundieh@ccny.cuny.edu](mailto:aundieh@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1026.1**  
Title: Pharmacologic Modulation of Neuroplasticity in the Rat Model

Action: Modifications required to secure approval

The IACUC met on January 15, 2019 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. P.3, Table 4, justify the addition of these new agents to the protocol in the experimental design (P. 8) and in the justification for the use of non-pharmaceutical grade agents (P. 3).
2. P. 3, mention that the non-pharmaceutical grade agents are filter sterilized.
3. P. 5, Hazards, list the source of the shRNA and CRISPR vectors.
4. P. 6, this is not a 4<sup>th</sup> year renewal and the box should not be checked.
5. P. 9, make sure the numbers in the procedure are consistent with those detailed on p. 17, item 11.
6. Biosafety approval is required before work can be initiated.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,



Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 02/14/2019 11:49:07 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocols 1026.1 and 1027.1  
**Attachments:** Undieh-Mouse Protocol #1027.1 Revision.pdf    Undieh-Rat Protocol #1026.1 Revision.pdf

---

I have reviewed and approve the attached revised amended protocols 1026.1 and 1027.1.

Thanks,  
Steve

**From:** Steven Nicoll  
**Sent time:** 10/29/2018 11:51:23 AM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocols 1040 (Mouse) and 1044 (Rat)  
**Attachments:** 1044 JY approval letter Oct 29 2018.pdf 1040 JY approval letter Oct 29 2018.pdf

---

Dear Dr. Yoshioka,

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** October 29, 2018  
**To:** Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1044**  
Title: **Stress-Induced Genes in Rat Neonatal Cardiac Cells**  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Rat  
Total number of animals approved for the three-year project (**2018-2021**): 200  
**Project Expires on: 10/29/2021**  
Number of animals approved for this period (**2018-2019**): 100

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 10/29/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** October 29, 2018  
**To:** Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1040**  
Title: **Stress-Induced Genes in Mouse Neonatal Cardiac Cells**  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Mouse  
Total number of animals approved for the three-year project (**2018-2021**): 200  
**Project Expires on: 10/29/2021**  
Number of animals approved for this period (**2018-2019**): 100

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 10/29/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 12/03/2018 11:26:17 AM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocols 1046  
**Attachments:** 1046 ARC, Tabled - Modifications Required for Approval.pdf

---

Dear Dr. Rodriguez-Contreras,

Please find the attached IACUC letter regarding its review of the subject protocol. In addition, please submit the accompanying breeding protocol using the new form.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: November 30, 2018

TO: Adrian Rodriguez-Contreras, Ph.D.,  
[arodriguezcontreras@ccny.cuny.edu](mailto:arodriguezcontreras@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1046**  
Title: **Neurovascular Development in Mice**

Action: Tabled

The IACUC met on November 14, 2018 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Please use the proper form when submitting your revised protocol application.
2. P. 8, Table 4, the ketamine dose for euthanasia should be specified here and on P. 12, and it must be followed by a thoracotomy.
3. P. 10, specify which strains you will be receiving from collaborators.
4. P. 12, specify the percent weight loss (i.e. 20%) in the adverse events section.
5. P. 12 and P. 13, specify the dose ("overdose" is not sufficient) and the agent for the "pentobarbital like drug," and it must be followed by perfusion. It is not acceptable to euthanize with pentobarbital alone.
6. P. 14, animal numbers need better justification. Include time points, strains, treatments etc. in your description here and in the general description of the experimental procedure.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to IACUC@ccny.cuny.edu.

Sincerely,

A handwritten signature in blue ink, reading "Steve Nicoll". The signature is fluid and cursive, with the first name "Steve" and last name "Nicoll" clearly distinguishable.

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Steven Nicoll  
**Sent time:** 04/13/2019 11:19:21 PM  
**To:** Bao Vuong  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta; Mark Pezzano  
**Subject:** Protocols 1055 and 1056  
**Attachments:** 1055 BV Modifications Required for Approval.pdf 1056 BV approval letter Apr. 11, 2019.pdf

---

Dear Dr. Vuong,

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

DATE: April 12, 2019

TO: Bao Vuong, Ph.D., [bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **1055**  
Title: Molecular Mechanisms Regulating Immunoglobulin Diversification

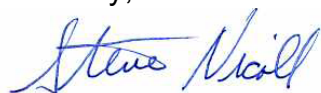
Action: Modifications required to secure approval

The IACUC met on April 10, 2019 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Where is the H1N1 virus prepared prior to injection? Animal staff and personnel should take proper precautions.
2. P. 14, it states "mice will be monitored on a daily basis for signs of severe illness..." and on P. 15, in *known or expected adverse events*, it states "Animals will be monitored weekly after infection, immunization, or cheek bleeds for signs of distress..." Animals should be monitored daily rather weekly, and this discrepancy should be reconciled in the text.
3. P. 15, section 5.a, remove "anti-fungal, or anti-viral medication" as these agents are not typically administered. The water and bedding may be autoclaved for precaution.
4. Biosafety approval is required before work can be initiated.

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to [IACUC@ccny.cuny.edu](mailto:IACUC@ccny.cuny.edu).

Sincerely,

A handwritten signature in blue ink, appearing to read "Steve Nicoll". The signature is fluid and cursive, with the first name "Steve" and the last name "Nicoll" clearly distinguishable.

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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160 Convent Ave  
New York, NY 10031  
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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** April 12, 2019  
**To:** Bao Vuong, Ph.D., [bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1056**  
Title: **Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding)**  
Funding Source: NIGMS 1SC1GM132035-01  
Species: Mouse  
Total number of animals approved for the three-year project (**2019-2022**): 1188  
**Project Expires on: 4/11/2022**  
Number of animals approved for this period (**2019-2020**): 396

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 4/11/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 09/06/2019 01:28:10 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Protocols 1059 and 1060  
**Attachments:** Revised 1059 Goyert 2019 new Breeding-protocol- (2).docx    Revised-1060 SG ACF protocol-2019-New IACUC Application.docx

---

I have reviewed and approve the attached revised protocols 1059 and 1060 from Dr. Goyert.

Thanks,  
Steve

**From:** Steven Nicoll  
**Sent time:** 09/06/2019 02:45:51 PM  
**To:** Sanna Goyert <sgoyert@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocols 1059 and 1060  
**Attachments:** 1060 SG approval letter Sept 6 2019.pdf 1059 SG approval letter Sept 6 2019.pdf

---

Dear Dr. Goyert,

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** September 6, 2019  
**To:** Sanna Goyert, Ph.D., [sgoyert@med.cuny.edu](mailto:sgoyert@med.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1060**  
Title: **New Endogenous Ligands for the CD14 Receptor: Identification, Characterization and Function**  
Funding Source: N/A  
Species: Mouse  
Total number of animals approved for the three-year project (**2019-2022**): 630  
**Project Expires on: 09/06/2022**  
Number of animals approved for this period (**2019-2020**): 200

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 09/06/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** September 6, 2019  
**To:** Sanna Goyert, Ph.D., [sgoyert@med.cuny.edu](mailto:sgoyert@med.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1059**  
Title: **New Endogenous Ligands for the CD14 Receptor: Identification, Characterization and Function (Breeding)**  
Funding Source: N/A  
Species: Mouse  
Total number of animals approved for the three-year project (**2019-2022**): 630  
**Project Expires on: 09/06/2022**  
Number of animals approved for this period (**2019-2020**): 200

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 09/06/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 09/04/2019 09:33:39 AM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Protocols 1065 and 1066

---

Dear Dr. Rodriguez-Contreras,

The IACUC met on August 30, 2019 and reviewed the subject protocols, 1065 - "Activity-dependent development of auditory neurons, experimental work" and 1066 - "Effect of hypoxia and anesthesia on brain vascular physiology." The protocols were "Tabled" and the IACUC would like to schedule a meeting with you at your earliest convenience to discuss and clarify issues with the protocols in order to expedite the review and approval process.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Sanna Goyert <sgoyert@med.cuny.edu>  
**Sent time:** 07/23/2019 03:29:12 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** PROTOCOLS for renewal attached  
**Attachments:** ACF protocol-2019-New IACUC Application Goyert.docx    Goyert 2019 new Breeding-protocol-.docx

---

Please see attached 2 protocols for renewal, 0616, 0617  
Thanks,  
Sanna Goyert

Sanna M. Goyert, Ph.D.  
Medical Professor  
Department of Molecular, Cellular and Biomedical Sciences  
CUNY School of Medicine  
City College of New York  
Harris Hall 205L  
160 Convent Ave.  
New York, NY 10031

Office Phone: 212-650-7773  
mobile: 917-674-4346  
<http://www.ccny.cuny.edu/profiles/Sanna-Goyert.cfm>

**From:** Harry Acosta  
**Sent time:** 08/16/2019 12:11:27 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Protocol  
**Attachments:** Rat training proram 872.7.docx   Popilskis Mouse training protocol 871.7.docx.doc

---

Hello

Please find attached renewals for my training protocols.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

**From:** Susannah Fritton  
**Sent time:** 05/03/2019 05:34:31 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Steven Nicoll  
**Subject:** renewal for protocol 949.4  
**Attachments:** Fritton IACUC protocol 949.4 renewal 2019 signed.pdf

---

Hi all,

Here is the renewal for my IACUC protocol 949.4 (the second renewal for 949.3). Please let me know if you have any questions.  
Thanks –

Susannah

-----  
Susannah P. Fritton, Ph.D.  
Professor  
Department of Biomedical Engineering  
Steinman Hall Room 403E  
The City College of New York  
160 Convent Avenue  
New York, NY 10031  
212.650.5213 | 212.650.6727 fax  
[fritton@ccny.cuny.edu](mailto:fritton@ccny.cuny.edu)

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 05/15/2019 01:44:40 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** renewal of #1006  
**Attachments:** 1006 A2 2nd annual renewal.docx

---

Dear IACUC committee,

Please find enclosed the 2<sup>nd</sup> annual renewal of protocol # 1006 AHK.

There were no adverse events and there are no changes to the protocol.

POL 87(2)(a) Grad student [REDACTED] graduated in March and has been removed from the protocol  
(FERPA) Grad student [REDACTED] was added to the protocol

Andreas H. Kottmann, Ph.D.  
Associate Medical Professor  
CUNY School of Medicine  
City University of New York  
Dept. of Molecular, Cellular and Biomedical Sciences  
Center for Discovery and Innovation, Room 3-304  
85 St. Nicholas Terrace  
New York, NY 10031  
P: 212 650 8644  
E: [akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)  
<https://kottmannlab.ccny.cuny.edu/>  
[www.cuny.edu/csom](http://www.cuny.edu/csom)

**From:** Alessandra Carriero [REDACTED]@gmail.com>  
**Sent time:** 10/15/2018 01:12:12 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** renewal of protocols for NSF projects  
**Attachments:** 1017 AC approval letter July 19 2017.pdf 1018 AC approval letter July 26 2017.pdf

---

Dear IACUCU committee,

can you please renew my protocols 1017 and 1018. Here attached is their memorandum approval.  
Thank you very much,

Alessandra

Dr. Alessandra Carriero  
Department of Biomedical Engineering  
The City College of New York  
212-650-7591

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** July 19, 2017  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1017**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding)**  
Funding Source: NSF CAREER grant 1651632  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/19/2020**  
Number of Animals Approved for this period (**2017-2018**): 270

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **This Renewal will expire on 07/19/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

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- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
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The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** July 26, 2017  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
Funding Source: NSF CAREER grant 1651632  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/26/2020**  
Number of Animals Approved for this period (**2017-2018**): 270

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **This Renewal will expire on 07/26/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
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Thank you.

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Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Bao Vuong  
**Sent time:** 03/21/2019 05:30:51 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Renewal protocols 956, 961  
**Attachments:** BQVuong renewal Protocol 956\_032119.pdf BQVuong renewal Breeding Protocol 961\_032119.pdf

---

To whom it may concern:

Please find attached my renewals for animal protocols 956 and 961.

Please let me know if you require additional documents.

Best regards,  
Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563  
lab: 212-650-8572  
<http://www.vuonglab.org>

**From:** Shireen Saleque  
**Sent time:** 02/08/2019 02:12:04 PM  
**To:** Institutional Animal Care and Use Committee; Harry Acosta  
**Cc:** Abad, Silvia <Silvia\_Abad@rfcuny.org>; Skukauskas, Algirdas <Algirdas\_Skukauskas@rfcuny.org>  
**Subject:** Request for extension of protocol #982

---

Dear IACUC members,  
my animal protocol # 982 expired on 9/17/2018 and my next protocol #1052 became effective on 1/18/2019. Therefore I would be very obliged if my previous protocol (#982) were extended retroactively to Dec 2018 and if I were provided with a letter/memo to that effect to forward to RFCUNY soon. Otherwise as per NIH policy animal cost invoices cannot be paid out for the gap period (Oct-Dec).

In the future I will make sure to submit all protocol applications in a timely manner to prevent such problems. Thank you for your consideration.

Shireen Saleque.

**From:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>  
**Sent time:** 10/25/2018 04:33:21 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** RE: 40H06 IACUC 1651632

---

Hi Steve,

That would be very much appreciated.

Thank you,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts  
212-417-8433  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)

---

**From:** NICOLL,STEVEN  
**Sent:** Thursday, October 25, 2018 4:13 PM  
**To:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** Re: 40H06 IACUC 1651632

Hi Andrew,

I can provide you with a letter with the updated NSF award #. We were not informed of the change in the award #.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Soliz, Andrew <[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)>  
**Sent:** Thursday, October 25, 2018 4:05 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** 40H06 IACUC 1651632

Good afternoon,

My name is Andrew Soliz and I work in the Grants and Contracts department at the Research Foundation of CUNY. I am managing an account that requires an IACUC approval, which I have received (attached). The award in mention was transferred to CCNY and then was given a new ID# (1829310). The IACUC approval I received portrays the old ID# from the award before it was transferred (#1651632). Could you please assist with informing me if there is an updated IACUC for ID#1829310, or if it is standard

to proceed with an IACUC approval which portrays a pre transferred ID#?

Best regards,

**Andrew Soliz**

Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
New York, NY 10036

212-417-8433

212-417-6433 Fax

[Andrew.Soliz@rfcuny.org](mailto:Andrew.Soliz@rfcuny.org)

<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



**From:** Steven Nicoll  
**Sent time:** 10/25/2018 05:32:10 PM  
**To:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** Re: 40H06 IACUC 1651632  
**Attachments:** 1017.A2 AC approval letter Oct 17 2018.pdf 1018.A2 AC approval letter Oct 17 2018.pdf

---

Please find the updated approval letters with the current award #.

Best,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

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**From:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>  
**Sent:** Thursday, October 25, 2018 4:33 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** RE: 40H06 IACUC 1651632

Hi Steve,

That would be very much appreciated.

Thank you,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts  
212-417-8433  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)

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**Sent:** Thursday, October 25, 2018 4:13 PM  
**To:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** Re: 40H06 IACUC 1651632

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Thanks,

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IACUC Chairperson  
Associate Professor  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

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**Sent:** Thursday, October 25, 2018 4:05 PM  
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**Cc:** Chung, Linda  
**Subject:** 40H06 IACUC 1651632

Good afternoon,

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Best regards,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts

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212-417-8433  
212-417-6433 Fax  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)  
<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** October 17, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1017.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding)**  
**Add:** - Personnel – Dr. Shoshana Yakar  
- Genotyping timing  
Funding Source: NSF CAREER grant 1651632  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/19/2020**  
Number of Animals Approved for this period (**2017-2018**): 270

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/19/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

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Thank you.

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Signature

Date

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Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** October 17, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
**Add:** - Personnel – Dr. Shoshana Yakar  
- Genotyping timing  
Funding Source: NSF CAREER grant 1651632  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/26/2020**  
Number of Animals Approved for this period (**2017-2018**): 270

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Signature

Date

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**From:** Steven Nicoll  
**Sent time:** 10/25/2018 04:13:08 PM  
**To:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** Re: 40H06 IACUC 1651632

---

Hi Andrew,

I can provide you with a letter with the updated NSF award #. We were not informed of the change in the award #.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>  
**Sent:** Thursday, October 25, 2018 4:05 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** 40H06 IACUC 1651632

Good afternoon,

My name is Andrew Soliz and I work in the Grants and Contracts department at the Research Foundation of CUNY. I am managing an account that requires an IACUC approval, which I have received (attached). The award in mention was transferred to CCNY and then was given a new ID# (1829310). The IACUC approval I received portrays the old ID# from the award before it was transferred (#1651632). Could you please assist with informing me if there is an updated IACUC for ID#1829310, or if it is standard to proceed with an IACUC approval which portrays a pre transferred ID#?

Best regards,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
New York, NY 10036  
212-417-8433  
212-417-6433 Fax  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)  
<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



**From:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>  
**Sent time:** 10/26/2018 09:56:28 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** RE: 40H06 IACUC 1829310

---

Thank you for your assistance Mr. Nicoll.

Enjoy your weekend,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts  
212-417-8433  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)

---

**From:** NICOLL,STEVEN  
**Sent:** Friday, October 26, 2018 9:48 AM  
**To:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** Re: 40H06 IACUC 1829310

It seems I sent you the old letters by mistake. The new ones with updated funding information are attached.

Thanks,

Steve

---

**From:** Soliz, Andrew <[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)>  
**Sent:** Friday, October 26, 2018 9:21 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** RE: 40H06 IACUC 1829310

Dear Mr. Nicoll,

Thank you for the adjustment, but I do not see a change in the NSF ID#. The award in mention *had* an award ID 1651632 and was updated to the new award ID# **1829310**. Are we able to adjust the sponsor ID# on the IACUC?

Best regards,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts  
212-417-8433  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)

---

**From:** NICOLL,STEVEN  
**Sent:** Thursday, October 25, 2018 5:32 PM  
**To:** Soliz, Andrew <[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)>; Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Cc:** Chung, Linda <[Linda\\_Chung@rfcuny.org](mailto:Linda_Chung@rfcuny.org)>  
**Subject:** Re: 40H06 IACUC 1651632

Please find the updated approval letters with the current award #.

Best,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor

Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

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**From:** Soliz, Andrew <[Andrew\\_Soliz@rfcunyc.org](mailto:Andrew_Soliz@rfcunyc.org)>  
**Sent:** Thursday, October 25, 2018 4:33 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** RE: 40H06 IACUC 1651632

Hi Steve,

That would be very much appreciated.

Thank you,

**Andrew Soliz**  
Assistant Project Administrator  
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212-417-8433  
[Andrew\\_Soliz@rfcunyc.org](mailto:Andrew_Soliz@rfcunyc.org)

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**Sent:** Thursday, October 25, 2018 4:13 PM  
**To:** Soliz, Andrew <[Andrew\\_Soliz@rfcunyc.org](mailto:Andrew_Soliz@rfcunyc.org)>; Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Cc:** Chung, Linda <[Linda\\_Chung@rfcunyc.org](mailto:Linda_Chung@rfcunyc.org)>  
**Subject:** Re: 40H06 IACUC 1651632

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

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**Cc:** Chung, Linda  
**Subject:** 40H06 IACUC 1651632

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Best regards,

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<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



**From:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>  
**Sent time:** 10/26/2018 09:21:50 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** RE: 40H06 IACUC 1829310  
**Attachments:** 1017.A2 AC approval letter Oct 17 2018.pdf 1018.A2 AC approval letter Oct 17 2018.pdf

---

Dear Mr. Nicoll,

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**From:** NICOLL,STEVEN  
**Sent:** Thursday, October 25, 2018 5:32 PM  
**To:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** Re: 40H06 IACUC 1651632

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Best,

Steve

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**Sent:** Thursday, October 25, 2018 4:33 PM  
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**Cc:** Chung, Linda  
**Subject:** RE: 40H06 IACUC 1651632

Hi Steve,

That would be very much appreciated.

Thank you,

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[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)

---

**From:** NICOLL,STEVEN  
**Sent:** Thursday, October 25, 2018 4:13 PM  
**To:** Soliz, Andrew <[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)>; Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Cc:** Chung, Linda <[Linda\\_Chung@rfcuny.org](mailto:Linda_Chung@rfcuny.org)>  
**Subject:** Re: 40H06 IACUC 1651632

Hi Andrew,

I can provide you with a letter with the updated NSF award #. We were not informed of the change in the award #.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Soliz, Andrew <[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)>  
**Sent:** Thursday, October 25, 2018 4:05 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** 40H06 IACUC 1651632

Good afternoon,

My name is Andrew Soliz and I work in the Grants and Contracts department at the Research Foundation of CUNY. I am managing an account that requires an IACUC approval, which I have received (attached). The award in mention was transferred to CCNY and then was given a new ID# (1829310). The IACUC approval I received portrays the old ID# from the award before it was transferred (#1651632). Could you please assist with informing me if there is an updated IACUC for ID#1829310, or if it is standard to proceed with an IACUC approval which portrays a pre transferred ID#?

Best regards,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
New York, NY 10036  
212-417-8433  
212-417-6433 Fax  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)  
<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
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New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** October 17, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1017.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding)**  
**Add:** - Personnel – Dr. Shoshana Yakar  
- Genotyping timing  
Funding Source: NSF CAREER grant 1651632  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/19/2020**  
Number of Animals Approved for this period (**2017-2018**): 270

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/19/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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**Date:** October 17, 2018  
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**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
**Add:** - Personnel – Dr. Shoshana Yakar  
- Genotyping timing  
Funding Source: NSF CAREER grant 1651632  
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Signature

Date

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**From:** Steven Nicoll  
**Sent time:** 10/26/2018 09:48:03 AM  
**To:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** Re: 40H06 IACUC 1829310  
**Attachments:** 1017.A2 AC approval letter Oct 25 2018.pdf 1018.A2 AC approval letter Oct 25 2018.pdf

---

It seems I sent you the old letters by mistake. The new ones with updated funding information are attached.

Thanks,

Steve

---

**From:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>  
**Sent:** Friday, October 26, 2018 9:21 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** RE: 40H06 IACUC 1829310

Dear Mr. Nicoll,

Thank you for the adjustment, but I do not see a change in the NSF ID#. The award in mention *had* an award ID 1651632 and was updated to the new award ID# **1829310**. Are we able to adjust the sponsor ID# on the IACUC?

Best regards,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts  
212-417-8433  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)

---

**From:** NICOLL,STEVEN  
**Sent:** Thursday, October 25, 2018 5:32 PM  
**To:** Soliz, Andrew <Andrew\_Soliz@rfcuny.org>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Chung, Linda <Linda\_Chung@rfcuny.org>  
**Subject:** Re: 40H06 IACUC 1651632

Please find the updated approval letters with the current award #.

Best,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Soliz, Andrew <[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)>  
**Sent:** Thursday, October 25, 2018 4:33 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** RE: 40H06 IACUC 1651632

Hi Steve,

That would be very much appreciated.

Thank you,

**Andrew Soliz**  
Assistant Project Administrator  
Grants & Contracts  
212-417-8433  
[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)

---

**From:** NICOLL,STEVEN  
**Sent:** Thursday, October 25, 2018 4:13 PM  
**To:** Soliz, Andrew <[Andrew\\_Soliz@rfcuny.org](mailto:Andrew_Soliz@rfcuny.org)>; Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Cc:** Chung, Linda <[Linda\\_Chung@rfcuny.org](mailto:Linda_Chung@rfcuny.org)>  
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Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
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**Sent:** Thursday, October 25, 2018 4:05 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Chung, Linda  
**Subject:** 40H06 IACUC 1651632

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Best regards,

**Andrew Soliz**

Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
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[Andrew.Soliz@rfcuny.org](mailto:Andrew.Soliz@rfcuny.org)

<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** October 25, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1017.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding)**  
**Add:** - Personnel – Dr. Shoshana Yakar  
- Genotyping timing  
Funding Source: NSF CAREER grant 1829310  
Species: Mouse  
Total Number of Animals approved for the three-year project (**2017-2020**): 540  
**Project Expires on: 07/19/2020**  
Number of Animals Approved for this period (**2017-2018**): 270

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Signature

Date

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Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** October 25, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018.A2**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
**Add:** - Personnel – Dr. Shoshana Yakar  
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Signature

Date

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**From:** Steven Nicoll  
**Sent time:** 08/23/2019 03:11:57 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Adding to IACUC

---

Hi Harry,

It doesn't seem that the protocols were submitted correctly via the IACUC email so they never got reviewed. Dr. Martin's protocol 954 is active until 11/14/2020. Do they need a new breeding protocol?

Thanks,  
Steve

---

**From:** Harry Acosta  
**Sent:** Thursday, August 15, 2019 11:33 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** FW: Adding to IACUC

Steve

Erina had sent this renewal back in February but not sure if it ever got done. The breeding protocol 986 is now expired but Dr. Martin has animal in house.

Harry

---

**From:** Erina Hara <ehara@ccny.cuny.edu>  
**Sent:** Thursday, February 21, 2019 1:51 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** John (Jack) Martin <jmartin@ccny.cuny.edu>; Daniel Ryan <dryan@ccny.cuny.edu>; Heather Alexander <halexander@ccny.cuny.edu>  
**Subject:** Adding to IACUC

Hi, Harry.

POL 87(2)(a) I would like to add our MS student, [REDACTED] to Martin Lab mouse IACUC.  
(FERPA) Please find the attachment. If you have any concern or questions, please let me know.

Thank you,

Erina

**From:** Harry Acosta  
**Sent time:** 12/19/2018 08:39:26 AM  
Gloria Callender [REDACTED]@hotmail.com <[REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu)  
**To:** <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis  
<Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail <[REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: Adhoc meeting 12/19/18

---

Tricia

I can attend but need to be out by 1:30. Have an appointment I need to make.

I don't have any objections to the DMR.

Harry

---

**From:** Tricia Mayhew-Noel  
**Sent:** Tuesday, December 18, 2018 11:42 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com  
[REDACTED]@hotmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll  
[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark  
Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: Adhoc meeting 12/19/18

Please note there will be an Adhoc IACUC meeting on 12/19/18 @ 1 pm to discuss the semi annual report. We need 4 members to attend for a quorum. If you can briefly meet at this time please confirm as soon as possible.

Additionally, if there are no objections to the review of the DMR reviews sent last week, then the review will proceed.

Yours Truly,  
Tricia Mayhew Noel

Sent from my iPhone

On Dec 12, 2018, at 4:59 PM, Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)> wrote:

Dear Committee,

There will not be a Full Committee IACUC meeting this month, though we anticipate meeting before the end of the year to review the Lab Inspections for our Annual Report. A date and time will be set in the upcoming week.

The attached studies will be assigned to DMR review.

Any objections to DMR Review must be received by COB Wednesday, December 19, 2018, where the study(ies) will be brought to the full committee for review as per policy.

Please kindly let me know if there are any objections.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)

1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

<932pt4RenewalSubmission.pdf>

<Oviedo ccny\_iacuc 2018 .docx>

<Saleque Animal Protocol 2018.docx>

**From:** Tricia Mayhew-Noel  
**Sent time:** 12/19/2018 09:51:06 AM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli  
**Cc:** Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta; Institutional Animal Care and  
Use Committee  
**Subject:** Re: Adhoc meeting 12/19/18

---

Yes that will work Andreas. Steve, Harry and I will be there.

Best,  
Tricia

Sent from my iPhone

On Dec 19, 2018, at 9:32 AM, Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)> wrote:

No objections to DMR.

I can meet briefly, for 30 min. If that suffice I will be there at 1 pm.

Andreas

---

**From:** Tricia Mayhew-Noel [<mailto:tmayhewnoel@ccny.cuny.edu>]  
**Sent:** Tuesday, December 18, 2018 11:42 PM  
**To:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender ([REDACTED]@hotmail.com) [REDACTED]@hotmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** Re: Adhoc meeting 12/19/18

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Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
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<http://www.ccny.cuny.edu/irb/> (website)

<932pt4RenewalSubmission.pdf>

<Oviedo ccny\_iacuc 2018 .docx>

<Saleque Animal Protocol 2018.docx>

**From:** Kaliris Salas  
**Sent time:** 12/19/2018 10:51:39 AM  
**To:** Tricia Mayhew-Noel; Andreas Kottmann <AKottmann@med.cuny.edu>  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll  
**Cc:** [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Adhoc meeting 12/19/18

---

I have a meeting today at noon.

Sorry.

**Kaliris Y. Salas-Ramirez, PhD**  
**Assistant Medical Professor**

*Department of Molecular, Cellular and Biomedical Sciences*  
*The Sophie Davis Program of Biomedical Sciences,*  
*CUNY School of Medicine*  
*160 Convent Ave.*  
*New York, NY 10031*

*Office: Harris Hall 203E*  
*Office phone: 212-650-8255*  
*Department Phone: 212-650-6994*  
*Marshak Science Building, J-116*  
*Lab phone: 212-650-7758*

---

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**Sent:** Wednesday, December 19, 2018 9:51 AM  
**To:** Andreas Kottmann  
**Cc:** Gloria Callender [REDACTED]@hotmail.com); Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis; Kaliris Salas; Mark Pezzano gmail; Harry Acosta; Institutional Animal Care and Use Committee  
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Tricia

Sent from my iPhone

On Dec 19, 2018, at 9:32 AM, Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)> wrote:

No objections to DMR.

I can meet briefly, for 30 min. If that suffice I will be there at 1 pm.

Andreas

---

**From:** Tricia Mayhew-Noel [<mailto:tmayhewnoel@ccny.cuny.edu>]  
**Sent:** Tuesday, December 18, 2018 11:42 PM  
**To:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** Re: Adhoc meeting 12/19/18

Please note there will be an Adhoc IACUC meeting on 12/19/18 @ 1 pm to discuss the semi annual report. We need 4 members to attend for a quorum. If you can briefly meet at this time please confirm as soon as possible.

Additionally, if there are no objections to the review of the DMR reviews sent last week, then the review will proceed.

Yours Truly,  
Tricia Mayhew Noel

Sent from my iPhone

On Dec 12, 2018, at 4:59 PM, Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)> wrote:

Dear Committee,

There will not be a Full Committee IACUC meeting this month, though we anticipate meeting before the end of the year to review the Lab Inspections for our Annual Report. A date and time will be set in the upcoming week.

The attached studies will be assigned to DMR review.

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Please kindly let me know If there are any objections.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

<932pt4RenewalSubmission.pdf>

<Oviedo ccny\_iacuc 2018 .docx>

<Saleque Animal Protocol 2018.docx>

**From:** Mark Pezzano gmail [REDACTED]@gmail.com>  
**Sent time:** 12/19/2018 09:04:37 AM  
**To:** Harry Acosta  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu)  
**Cc:** <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis  
<Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Institutional Animal Care and Use Committee  
**Subject:** Re: Adhoc meeting 12/19/18

---

I have no objections to DMR but I cannot make the meeting today

On Dec 19, 2018, at 8:39 AM, Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)> wrote:

Tricia

I can attend but need to be out by 1:30. Have an appointment I need to make.

I don't have any objections to the DMR.

Harry

---

**From:** Tricia Mayhew-Noel  
**Sent:** Tuesday, December 18, 2018 11:42 PM  
**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
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<http://www.ccny.cuny.edu/irb/> (website)

<932pt4RenewalSubmission.pdf>

<Oviedo ccny\_iacuc 2018 .docx>

<Saleque Animal Protocol 2018.docx>

**From:** Tricia Mayhew-Noel  
**Sent time:** 12/18/2018 11:41:30 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta  
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**Sent time:** 12/19/2018 09:32:29 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
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<932pt4RenewalSubmission.pdf>

<Oviedo ccny\_iacuc 2018 .docx>

<Saleque Animal Protocol 2018.docx>

**From:** Tricia Mayhew-Noel  
**Sent time:** 11/08/2018 09:50:26 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** RE: Amendment to IACUC protocol 981

---

Yes for tracking purposes, let's have a renewal letter as well.

Thanks,  
Tricia

---

**From:** Steven Nicoll  
**Sent:** Thursday, November 8, 2018 7:36 AM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Subject:** Re: Amendment to IACUC protocol 981

Hi Tricia,

Kaliris approved the renewal via email on 10/10/18 and we just went ahead and reviewed the amendments, and sent one approval letter for the renewal with amendments. I can draft an approval for 981.2 if necessary. Let me know.

Thanks,

Steve

---

**From:** Institutional Animal Care and Use Committee  
**Sent:** Wednesday, November 7, 2018 12:54 PM  
**To:** Steven Nicoll; Ratna  
**Cc:** Harry Acosta  
**Subject:** RE: Amendment to IACUC protocol 981

Steve,  
We have an approval for 981.2A1 (the amendment to the study), however, we don't have an approval for 981.2 (the renewal).

Please advise.  
Thanks  
Tricia

---

**From:** Steven Nicoll  
**Sent:** Monday, September 17, 2018 3:36 PM  
**To:** Ratna [REDACTED] <[REDACTED]@gmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Kaliris Salas <ksalasram@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Subject:** Re: Amendment to IACUC protocol 981

Dear Dr. Sircar,

Please address the requested modifications in your renewal application (attached) and then we can review your amendment to the protocol.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
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Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Ratna <[REDACTED]@gmail.com>  
**Sent:** Wednesday, August 29, 2018 3:00 PM  
**To:** Steven Nicoll; Harry Acosta  
**Subject:** RE: Amendment to IACUC protocol 981

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Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
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phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 11/08/2018 10:54:32 AM  
**To:** Tricia Mayhew-Noel; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Re: Amendment to IACUC protocol 981  
**Attachments:** 981.2 RS approval letter Oct 10 2018.pdf

---

Here's the letter. I'll forward it to Dr. Sircar shortly.

Thanks,

Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, November 8, 2018 9:50 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
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**To:** Steven Nicoll; Harry Acosta  
**Subject:** RE: Amendment to IACUC protocol 981

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Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

Date: October 10, 2018  
To: Ratna Sircar, Ph.D., [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **981.2**  
Title: **Adolescent Exposure to Abused Substances**  
Funding Source: NIH/NIAAA R01AA017359  
Species: Rat  
Total number of animals approved for the three-year project (**2016-2019**): 1440  
**Project Expires on: 3/08/2019**  
Number of animals approved for this period (**2018-2019**): 480

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **A Full Application is due on 3/08/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 10/03/2018 03:50:25 PM  
**To:** Kaliris Salas  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981

---

Hi Kaliris,

As DMR, could you please review the response to the committee's request for modifications for this protocol?

Thanks,

Steve

---

**From:** Ratna [REDACTED]@gmail.com>  
**Sent:** Friday, September 28, 2018 12:00 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Kaliris Salas; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981

Dear Dr. Nicholls,  
Attached please find our response to comments by the committee, revised renewal protocol, CITI completion certificates for Florangel and me.  
Thank you for your time and consideration  
Regards  
Ratna

Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
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phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

On Tue, Sep 18, 2018 at 12:13 PM, Ratna <[REDACTED]@gmail.com> wrote:

Dear Dr. Nicholls,  
Thank you for your email. I will make changes suggested and submit the revised protocol.  
Regards  
Ratna

Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
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phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

On Mon, Sep 17, 2018 at 3:35 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

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IACUC Chairperson  
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**From:** Steven Nicoll  
**Sent:** Monday, September 17, 2018 3:36 PM  
**To:** Ratna [REDACTED]@gmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Kaliris Salas <ksalasram@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Subject:** Re: Amendment to IACUC protocol 981

Dear Dr. Sircar,

Please address the requested modifications in your renewal application (attached) and then we can review your amendment to the protocol.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Ratna [REDACTED]@gmail.com>  
**Sent:** Wednesday, August 29, 2018 3:00 PM  
**To:** Steven Nicoll; Harry Acosta  
**Subject:** RE: Amendment to IACUC protocol 981

Dear Dr. Nicoll,

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Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
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phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

**From:** Ratna <[REDACTED]@gmail.com>  
**Sent time:** 10/04/2018 02:50:06 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Kaliris Salas; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981  
**Attachments:** Romy Gerard\_CITI completion report.pdf

---

Dear Dr. Nicholls,  
Attached please find Ms. [REDACTED] CITI completion report. All lab members, including me, have completed the CITI training.  
Regards  
Ratna

Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
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email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

On Mon, Oct 1, 2018 at 6:45 AM Ratna [REDACTED]@gmail.com> wrote:

Dear Dr. Nicholls,  
Attached please find Ms. [REDACTED] CITI completion report.  
Regards  
Ratna

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Ratna

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Dear Dr. Nicholls,

Thank you for your email. I will make changes suggested and submit the revised protocol.

Regards

Ratna

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Thanks,

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**Subject:** RE: Amendment to IACUC protocol 981

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Completion Date 02-Oct-2018

Expiration Date 01-Oct-2021

Record ID



This is to certify that:



Has completed the following CITI Program course:

**Working with the IACUC** (Curriculum Group)

**Research Team 1** (Course Learner Group)

**1 - Basic Course** (Stage)

Under requirements set by:

**City University of New York (CUNY)**



Verify at [www.citiprogram.org/verify/?w18b17b9c-e8c3-4b02-a536-6f1fa75fa5f8-28874112](http://www.citiprogram.org/verify/?w18b17b9c-e8c3-4b02-a536-6f1fa75fa5f8-28874112)

**From:** Kaliris Salas  
**Sent time:** 10/03/2018 04:03:56 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981

---

Yes, i am at a conference but will have response by Friday.

Kaliris Y. Salas-Ramirez, PhD  
Assistant Medical Professor  
Dept. of Cellular, Molecular and Biomedical Sciences

The Sophie Davis Program of Biomedical Sciences, CUNY School of Medicine  
Harris Hall Rm. 203  
160 Convent Ave  
New York, NY 10031

Lab phone: 212-650-7758 (Marshak Science Building)  
Office phone: 212-650-8255 (Harris Hall)  
Dept phone: 212-650-6994  
Fax: 212-650-7726

On Oct 3, 2018, at 3:50 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Kaliris,

As DMR, could you please review the response to the committee's request for modifications for this protocol?

Thanks,

Steve

---

**From:** Ratna [REDACTED] <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>  
**Sent:** Friday, September 28, 2018 12:00 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Kaliris Salas; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981

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**From:** Ratna [REDACTED]@gmail.com>  
**Sent time:** 09/18/2018 12:13:29 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Kaliris Salas; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981

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Regards

Ratna

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**From:** Ratna [REDACTED]@gmail.com>  
**Sent time:** 09/28/2018 12:00:27 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Kaliris Salas; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981  
**Attachments:** sircar\_CITI Completion Certificate.pdf Florangel R\_CITI completion report.pdf response to comments 091818.pdf sircar\_IACUC-981.2\_Renewal\_revised.pdf

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

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**From:** Ratna [REDACTED] [\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>  
**Sent:** Wednesday, August 29, 2018 3:00 PM  
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Completion Date 25-Sep-2018

Expiration Date 24-Sep-2021

Record ID



This is to certify that:



Has completed the following CITI Program course:

**Working with the IACUC** (Curriculum Group)  
**Research Team 1** (Course Learner Group)  
**1 - Basic Course** (Stage)

Under requirements set by:

**City University of New York (CUNY)**



Verify at [www.citiprogram.org/verify/?wded678f7-d9e1-452d-b038-d0c5d4abf1c7-28795587](http://www.citiprogram.org/verify/?wded678f7-d9e1-452d-b038-d0c5d4abf1c7-28795587)



Completion Date 23-Sep-2018

Expiration Date 22-Sep-2021

Record ID

This is to certify that:



Has completed the following CITI Program course:

**Working with the IACUC** (Curriculum Group)  
**Research Team 1** (Course Learner Group)  
**1 - Basic Course** (Stage)

Under requirements set by:

**City University of New York (CUNY)**



Verify at [www.citiprogram.org/verify/?w6da6dcb3-751e-4e6c-8b3e-4f775c9339b1-28796527](http://www.citiprogram.org/verify/?w6da6dcb3-751e-4e6c-8b3e-4f775c9339b1-28796527)

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(FERPA)

Comment	Response
1. Correlate the number of animals used to date listed on the cover page (96), with the number stated in the renewal summary on page 2, question 2 (358). These need to be consistent.	The number on page 2 has been corrected to 96 rats
2. The justification provided regarding the number of animals requested for the upcoming year is not adequate. State how many were used, provide a power analysis and justify the number of animals to be used.	Power analysis was done to determine group size. For 0.05 level of significance, a 2-sided t-test and a desired power of 80%, the test for # of entrances would require 16 subjects for experimental and control groups (StateMate, GraphPad, San Diego, CA). Therefore, group size will be 16 animals per group.
3. Provide more details on the progress report, include whether any manuscripts have been submitted or presented.	More details and a figure have been added (in red font) in the revised protocol.
4. Include additional keywords to the Literature Search (such as "alternatives to painful procedures" and "non-animal models"), and provide an appropriate written narrative of the results.	Our laboratory studies effects of abused substances on rodent adolescent brain and behavior, specifically learning and memory. Behavioral effects can be studied only in live animals. Rats and mice are lowest mammalian species where the behavioral data can be extrapolated to humans, and our laboratory has a large amount of baseline data in these species. Use of "non-animal models" and "alternatives to painful procedures" are not options for our research. All animal procedures including surgical procedures (gonadectomy, intracranial drug infusion, fear conditioning, etc) are integral parts of our study, and have been described in great detail in the approved protocol. All precautions, as described in the approved protocol, are used to minimize and/or control for pain. These procedures have been used in my laboratory for over 30 years at this institution as well as at previous institutions. Literature search for each of the procedures used are included in the annual renewal protocol.
5. Addition of new personnel to the study must be submitted first via an email request for an amendment to the protocol, including the new personnel and removal, if any, from the protocol.	An email has been sent requesting the inclusion of new research personnel and removal of one student who has since graduated.
6. CITI certificates in Animal Care are required, please ensure and affirm that all new staff have completed their CITI training.	Dr. Sircar and Ms. [REDACTED] have completed their CITI training (completion certificates attached). Ms. [REDACTED] and Ms. [REDACTED] are in the process of completing their training.
7. The inspection date for the surgical room is inaccurate. The last inspection completed was in June 2018.	The date change has been made in the revised protocol.
8. Please correct the typo under [REDACTED] name, currently it lists her as "He" and not "She".	The typos have been corrected.

**From:** Ratna [REDACTED]@gmail.com>  
**Sent time:** 10/01/2018 06:45:04 AM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Kaliris Salas; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981  
**Attachments:** Elizabeth\_citiCompletion Report.pdf

---

Dear Dr. Nicholls,  
Attached please find Ms. [REDACTED] CITI completion report.  
Regards  
Ratna

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Completion Date 01-Oct-2018

Expiration Date 30-Sep-2021

Record ID



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Under requirements set by:

**City University of New York (CUNY)**



Verify at [www.citiprogram.org/verify/?w6800cc39-fc05-4130-bb9c-2c30bb9fced7-28884536](http://www.citiprogram.org/verify/?w6800cc39-fc05-4130-bb9c-2c30bb9fced7-28884536)

**From:** Steven Nicoll  
**Sent time:** 09/17/2018 03:35:58 PM  
**To:** Ratna [REDACTED]@gmail.com>; Harry Acosta  
**Cc:** Kaliris Salas; Institutional Animal Care and Use Committee; Tricia Mayhew-Noel  
**Subject:** Re: Amendment to IACUC protocol 981  
**Attachments:** 981.2 RS, Modifications Required for Approval .pdf

---

Dear Dr. Sircar,

Please address the requested modifications in your renewal application (attached) and then we can review your amendment to the protocol.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Ratna [REDACTED]@gmail.com>  
**Sent:** Wednesday, August 29, 2018 3:00 PM  
**To:** Steven Nicoll; Harry Acosta  
**Subject:** RE: Amendment to IACUC protocol 981

Dear Dr. Nicoll,

We are pursuing a new lead in research, and want to study the effect of male gonadal hormone testosterone on learning and memory. Some male rats will be orchidectomized (bilateral removal of testes) and given hormone supplementation. Attached is the approved protocol with amendment made in red font. No additional animals are being requested. Please approve the amendment at the earliest so that we may be able to start our experiments. Thank you Ratna

Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
160 Convent Avenue  
New York, NY 10031  
phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

## INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

DATE: August 17, 2018

TO: Ratna Sircar, Ph.D., [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

FROM: Steven B. Nicoll, Ph.D., IACUC Chairperson

SUBJECT: Protocol No.: **981.2**  
Title: **Adolescent Exposure to Abused Substances**

Action: Modifications are required to secure full approval

The IACUC met on August 8, 2018 and reviewed your subject protocol. Your study requires modifications before it can be approved. Please respond to the following comments:

1. Correlate the number of animals used to date listed on the cover page (96), with the number stated in the renewal summary on page 2, question 2 (358). These need to be consistent.
2. The justification provided regarding the number of animals requested for the upcoming year is not adequate. State how many were used, provide a power analysis and justify the number of animals to be used.
3. Provide more details on the progress report, include whether any manuscripts have been submitted or presented.
4. Include additional keywords to the Literature Search (such as "alternatives to painful procedures" and "non-animal models"), and provide an appropriate written narrative of the results.
5. Addition of new personnel to the study must be submitted first via an email request for an amendment to the protocol, including the new personnel and removal, if any, from the protocol.
6. CITI certificates in Animal Care are required, please ensure and affirm that all new staff have completed their CITI training.
7. The inspection date for the surgical room is inaccurate. The last inspection completed was in June 2018.
8. Please correct the typo under Elizabeth Little's name, currently it lists her as "He" and not "She".

Please respond to these comments by making the appropriate changes in your protocol. Send your revised protocol, indicating where changes have been made, to IACUC@ccny.cuny.edu.

Sincerely,

A handwritten signature in blue ink, appearing to read "Steve Nicoll". The signature is fluid and cursive, with the first name "Steve" and last name "Nicoll" clearly distinguishable.

Steven B. Nicoll, Ph.D.  
IACUC Chairperson

**From:** Robert Anderson  
**Sent time:** 03/08/2019 12:10:58 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** RE: Anderson 3-year protocol initial application  
**Attachments:** Anderson\_Robert\_March\_2019\_Initial Protocol Application Form 2017\_submittedSIGNED.pdf Anderson\_Robert\_March\_2019\_Initial Protocol Application Form 2017\_submitted.docx

---

Dear Harry and IACUC:

Please find advised a slightly modified protocol application, following Harry's instructions on the phone just now. The only changes are to the wording of the secondary confirmation of death, and the various clearances for the three researchers.

Best regards,  
Robert

\*\*\*\*\*

Robert P. Anderson, Ph.D.  
Professor, Department of Biology  
526 Marshak Science Building  
City College of New York, City Univ. of New York  
160 Convent Avenue  
New York, NY 10031, USA

Telephone: (212) 650-8504  
<http://www.andersonlab.ccny.cuny.edu/>  
[randerson@ccny.cuny.edu](mailto:randerson@ccny.cuny.edu)

---

**From:** Robert Anderson  
**Sent:** Monday, March 04, 2019 10:33 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Anderson 3-year protocol initial application

Dear Harry and IACUC,

Please find attached my application for a new 3-year protocol. Per my conversation with Harry last week, I am sending it today for consideration at the 13 March meeting. These protocols are the same as the previous one, with slightly different numbers of individuals.

If you can confirm safe receipt, I will rest assured.

Regards,  
Robert

\*\*\*\*\*

Robert P. Anderson, Ph.D.  
Professor, Department of Biology  
526 Marshak Science Building  
City College of New York, City Univ. of New York  
160 Convent Avenue  
New York, NY 10031, USA

Telephone: (212) 650-8504  
<http://www.andersonlab.ccny.cuny.edu/>  
[randerson@ccny.cuny.edu](mailto:randerson@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 06/06/2019 12:10:00 PM  
**To:** Bingmei Fu; Institutional Animal Care and Use Committee  
**Subject:** Re: Animal care protocol  
**Attachments:** 2017 IACUC-Protocol-Renewal-Form-1.docx

---

Hi Bingmei,

This protocol expires 4/27/2021, so you need to submit annual renewals/updates until then rather than the full application. Please resubmit using the attached form.

Thanks,

Steve

---

**From:** Bingmei Fu  
**Sent:** Monday, May 6, 2019 1:09 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** Fwd: Animal care protocol

Hi, Steve and IACUC,

Please reply me when you receive this email.

Thanks,

Bingmei

Begin forwarded message:

**From:** Bingmei Fu <[bfu@ccny.cuny.edu](mailto:bfu@ccny.cuny.edu)>  
**Subject:** Animal care protocol  
**Date:** May 2, 2019 at 9:59:35 PM EDT  
**To:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Cc:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>

Hi, Steve and IACUC committee,

Please find the attached animal care protocol for the renewal of 964.3.

Thanks,

Bingmei

~~~~~  
Bingmei Fu, Ph.D.  
Professor  
Department of Biomedical Engineering  
The City College of the City University of New York  
160 Convent Ave  
New York, NY 10031  
(212)-650-7531  
[fu@ccny.cuny.edu](mailto:fu@ccny.cuny.edu)  
<https://www.ccny.cuny.edu/profiles/bingmei-fu>  
~~~~~

**From:** Bingmei Fu  
**Sent time:** 06/06/2019 12:48:50 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: Animal care protocol  
**Attachments:** Renewal-964.docx ATT00001.htm

---

Hi, Steve,

Please find the attachment for the renewal.

Thanks,

Bingmei

~~~~~  
Bingmei Fu, Ph.D.  
Professor  
Department of Biomedical Engineering  
The City College of the City University of New York  
160 Convent Ave  
New York, NY 10031  
(212)-650-7531  
[fu@ccny.cuny.edu](mailto:fu@ccny.cuny.edu)  
<https://www.ccny.cuny.edu/profiles/bingmei-fu>  
~~~~~

**From:** Institutional Animal Care and Use Committee  
**Sent time:** 11/09/2018 01:58:52 PM  
**To:** Heike Rebholz <[REDACTED]@gmail.com>; [REDACTED]@gmail.com>  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Steven Nicoll  
**Subject:** RE: animal protocols  
**Attachments:** 1048, HR-JC, Parkinsons protocol.doc

---

Dear Heike,

You listed [REDACTED] as the PI for the Experimental project, and omitted [REDACTED] who is listed as PI on the Breeding Protocol, however [REDACTED] is a PhD candidate and cannot serve as co-PI.

Please revise the application and resubmit as soon as possible.

Thanks  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Heike Rebholz [REDACTED]@gmail.com>  
**Sent:** Sunday, November 4, 2018 5:31 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** animal protocols

Dear Harry and Ingrid,

Please find attached the new protocols: one for the Parkinson's project, the other one for breeding.

Thank you  
Heike

**From:** Heike Rebholz [REDACTED]@gmail.com>  
**Sent time:** 11/12/2018 06:19:38 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Re: animal protocols  
**Attachments:** 1048, HR-JC, Parkinsons protocol\_HR.doc

---

Dear Tricia,  
please find attached the corrected protocol.  
Best and thank you  
Heike

On Fri, Nov 9, 2018 at 7:58 PM Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)> wrote:

Dear Heike,

You listed [REDACTED] as the PI for the Experimental project, and omitted [REDACTED] who is listed as PI on the Breeding Protocol, however [REDACTED] is a PhD candidate and cannot serve as co-PI.

Please revise the application and resubmit as soon as possible.

Thanks

Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics

City College of New York

Division for Research

Shepard Hall Room 108B

160 Convent Ave

New York, NY 10031

1-212-650-7902 (phone)

1-212-650-8344 (fax)

[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)

<http://www.ccny.cuny.edu/irb/> (website)

**From:** Heike Rebholz <[heikerebholz@gmail.com](mailto:heikerebholz@gmail.com)>

**Sent:** Sunday, November 4, 2018 5:31 PM

**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Júlia Castelló <[julia.csaval@gmail.com](mailto:julia.csaval@gmail.com)>; Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

Obtained by Rise for Animals. Uploaded 07/08/2020

**Subject:** animal protocols

Dear Harry and Ingrid,

Please find attached the new protocols: one for the Parkinson's project, the other one for breeding.

Thank you

Heike

**From:** Harry Acosta  
**Sent time:** 05/23/2019 10:09:19 AM  
**To:** Ahu Aydogan; Institutional Animal Care and Use Committee  
**Subject:** RE: animal use

---

Dr. Aydogan

I will need to check, but what kind of spiders do you want to use and what will you be doing to them.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

---

**From:** Ahu Aydogan  
**Sent:** Wednesday, May 22, 2019 4:33 PM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** animal use

Dear Institutional Animal Care and Use Committee,

I am Ahu Aydogan, Assistant Professor at Spitzer School of Architecture. For Fall 2019 semester, I would like to use spiders for the architectural design studio. I was wondering if there is any procedure I need to go through. Could you please let me know?

Thank you,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Ahu Aydogan  
**Sent time:** 07/19/2019 12:13:14 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee; Steven Nicoll  
**Subject:** Re: animal use

---

Hi Steve,

Thank you for the information,

Best,  
Ahu

Get [Outlook for Android](#)

From: Steven Nicoll  
Sent: Friday, July 19, 03:54  
Subject: Re: animal use  
To: Ahu Aydogan, Harry Acosta, Institutional Animal Care and Use Committee

Hi Ahu,

The PHS policy on the humane care and use of laboratory animals only covers warm and cold blooded vertebrates. There is no oversight required for spiders from the CCNY IACUC since they are not vertebrates.

Thanks,  
Steve

Steven B. Nicoll, Ph.D.  
IACUC Chair  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: 212-650-6237  
Fax: 212-650-6727

**From:** Ahu Aydogan  
**Sent:** Thursday, July 18, 2019 3:30 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: animal use

Dear Harry,

Semester is getting closer and I need to suggest soon our studio proposal ideas. Could you please clarify me if there is any procedure I need to go through just to use spiders for studio project?

Best,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Ahu Aydogan  
**Sent:** Wednesday, June 12, 2019 9:41 AM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: animal use

Dear Harry,,

I would like to get an update on the request, have you heard back anything regarding my issue?

Best,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Ahu Aydogan  
**Sent:** Thursday, May 23, 2019 10:23 AM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: animal use

Dear Harry,

Not sure yet what spiders. We will use them to make webs for us. After they have done it we will give them back to the store probably where we got them.

Best,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Harry Acosta  
**Sent:** Thursday, May 23, 2019 10:09 AM  
**To:** Ahu Aydogan; Institutional Animal Care and Use Committee  
**Subject:** RE: animal use

Dr. Aydogan

I will need to check, but what kind of spiders do you want to use and what will you be doing to them.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

**From:** Ahu Aydogan  
**Sent:** Wednesday, May 22, 2019 4:33 PM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** animal use

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Thank you,  
Ahu

**Ahu Aydogan, PhD**

Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Steven Nicoll  
**Sent time:** 07/18/2019 08:54:11 PM  
**To:** Ahu Aydogan; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: animal use

---

Hi Ahu,

The PHS policy on the humane care and use of laboratory animals only covers warm and cold blooded vertebrates. There is no oversight required for spiders from the CCNY IACUC since they are not vertebrates.

Thanks,  
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Grove School of Engineering  
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**Subject:** Re: animal use

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Best,  
Ahu

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Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
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**Subject:** Re: animal use

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Best,  
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Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

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**Subject:** Re: animal use

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**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

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**Sent:** Thursday, May 23, 2019 10:09 AM  
**To:** Ahu Aydogan; Institutional Animal Care and Use Committee  
**Subject:** RE: animal use

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Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

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**Sent:** Wednesday, May 22, 2019 4:33 PM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** animal use

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Thank you,  
Ahu

**Ahu Aydogan, PhD**

Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Ahu Aydogan  
**Sent time:** 06/12/2019 09:41:44 AM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: animal use

---

Dear Harry,,

I would like to get an update on the request, have you heard back anything regarding my issue?

Best,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

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Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

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**Sent:** Thursday, May 23, 2019 10:09 AM  
**To:** Ahu Aydogan; Institutional Animal Care and Use Committee  
**Subject:** RE: animal use

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*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

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**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>

**Subject:** animal use

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Ahu

**Ahu Aydogan, PhD**

Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Ahu Aydogan  
**Sent time:** 05/23/2019 10:23:45 AM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: animal use

---

Dear Harry,

Not sure yet what spiders. We will use them to make webs for us. After they have done it we will give them back to the store probably where we got them.

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Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

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**To:** Ahu Aydogan; Institutional Animal Care and Use Committee  
**Subject:** RE: animal use

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*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
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**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Ahu Aydogan  
**Sent time:** 07/18/2019 03:30:55 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: animal use

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Best,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

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**From:** Ahu Aydogan  
**Sent:** Wednesday, June 12, 2019 9:41 AM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: animal use

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Best,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
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New York, NY 10031

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Best,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

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**Sent:** Thursday, May 23, 2019 10:09 AM

**To:** Ahu Aydogan; Institutional Animal Care and Use Committee

**Subject:** RE: animal use

Dr. Aydogan

I will need to check, but what kind of spiders do you want to use and what will you be doing to them.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

---

**From:** Ahu Aydogan

**Sent:** Wednesday, May 22, 2019 4:33 PM

**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>

**Subject:** animal use

Dear Institutional Animal Care and Use Committee,

I am Ahu Aydogan, Assistant Professor at Spitzer School of Architecture. For Fall 2019 semester, I would like to use spiders for the architectural design studio. I was wondering if there is any procedure I need to go through. Could you please let me know?

Thank you,  
Ahu

**Ahu Aydogan, PhD**  
Assistant Professor | Spitzer School of Architecture

City College of New York  
141 Convent Avenue #3M19  
New York, NY 10031

**From:** Steven Nicoll  
**Sent time:** 08/23/2019 03:18:42 PM  
**To:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>; Harry Acosta; Institutional Animal Care and Use Committee  
**Cc:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: BioBlitz IACUC Application

---

Hi Kelly,

The protocol was not reviewed since it wasn't submitted electronically through the IACUC email. Technically, the protocol is still active but you could make minor amendments (i.e., change the location and personnel as needed). Do you still need the protocol reviewed or amended?

Let me know,  
Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:52 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] BioBlitz IACUC Application

Hi Mr. Acosta,

I was just writing to you to ask if the committee ever reviewed the 2019 BioBlitz protocol application and I discovered that I never sent you an electronic copy after I dropped off the paper ones in June! I cannot believe that I did this. I'm so sorry. Is there any chance that the committee reviewed the application anyway?

Thank you,  
Kelly

Kelly L. O'Donnell, PhD  
Director of Science Forward

Macauley Honors College  
The City University of New York  
35 West 67th Street  
New York, New York 10023  
(212) 729-2924  
<http://cuny.is/scienceforward>

**From:** Harry Acosta  
**Sent time:** 08/08/2019 08:31:34 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** RE: BioBlitz IACUC Application

---

Can this be reviewed as DMR?

Harry

---

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:52 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** [EXTERNAL] BioBlitz IACUC Application

Hi Mr. Acosta,

I was just writing to you to ask if the committee ever reviewed the 2019 BioBlitz protocol application and I discovered that I never sent you an electronic copy after I dropped off the paper ones in June! I cannot believe that I did this. I'm so sorry. Is there any chance that the committee reviewed the application anyway?

Thank you,  
Kelly

Kelly L. O'Donnell, PhD  
Director of Science Forward

Macaulay Honors College  
The City University of New York  
35 West 67th Street  
New York, New York 10023  
(212) 729-2924  
<http://cuny.is/scienceforward>

**From:** Steven Nicoll  
**Sent time:** 08/08/2019 08:34:41 AM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: BioBlitz IACUC Application

---

Yes, it can be reviewed via DMR but needs to be sent to the committee first.

---

**From:** Harry Acosta  
**Sent:** Thursday, August 8, 2019 8:31 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** RE: BioBlitz IACUC Application

Can this be reviewed as DMR?

Harry

---

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:52 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** [EXTERNAL] BioBlitz IACUC Application

Hi Mr. Acosta,

I was just writing to you to ask if the committee ever reviewed the 2019 BioBlitz protocol application and I discovered that I never sent you an electronic copy after I dropped off the paper ones in June! I cannot believe that I did this. I'm so sorry. Is there any chance that the committee reviewed the application anyway?

Thank you,  
Kelly

Kelly L. O'Donnell, PhD  
Director of Science Forward

Macaulay Honors College  
The City University of New York  
35 West 67th Street  
New York, New York 10023  
(212) 729-2924  
<http://cuny.is/scienceforward>

**From:** Tricia Mayhew-Noel  
**Sent time:** 12/05/2018 01:45:54 PM  
**To:** [REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: CITI Program - Course Completion for [REDACTED]

[REDACTED], please clarify why your Affiliation is listed as Grove City College. Were you not able to find City University of New York? Additionally, please specify which PI and Project are you submitting this for.

Thanks  
Tricia

**From:** [REDACTED]@gmail.com>  
**Sent:** Tuesday, December 4, 2018 4:02 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Subject:** Fwd: CITI Program - Course Completion for Shana Ravvin

Hi Tricia, this a forward of my certification for completing the CITI program. Let me know if any further action is required on my end to add me to the protocol.

Thank you, Shana Ravvin

----- Forwarded message -----

**From:** CITI Program No Reply <[noreply@citiprogram.org](mailto:noreply@citiprogram.org)>  
**Date:** Thu, Jul 5, 2018 at 2:59 PM  
**Subject:** CITI Program - Course Completion for Shana Ravvin  
**To:** [REDACTED]@gmail.com>



## Course Completion for Shana Ravvin

Congratulations on your recent course completion!

**Name:** [REDACTED] (ID: [REDACTED])  
**Institution:** Grove City College (ID: [REDACTED])  
**Course:** Working with Rats in Research Settings  
**Stage:** 1 - Lab Animal Research  
**Completion Date:** 05 Jul 2018  
**Expiration Date:** 04 Jul 2021  
**Completion Record ID:** [REDACTED]

To share the **Completion Report** for this course, use the following link:

[citiprogram.org/verify/?k49cad1c9-7d71-4868-ac04-79bc9875ef24-27743721](http://citiprogram.org/verify/?k49cad1c9-7d71-4868-ac04-79bc9875ef24-27743721)

Note that this link will share the full two-part report, which includes all quiz scores.

---

To share the **Completion Certificate** for this course, use the following link:

[citiprogram.org/verify/?w564cc8fb-d798-4b0f-930e-4fe488f07e93-27743721](http://citiprogram.org/verify/?w564cc8fb-d798-4b0f-930e-4fe488f07e93-27743721)

Note that this link will share only the certificate, which does not include quiz scores.

---

These links are permanent, and may be used to access or share your Completion Report and Completion Certificate at any time. It is not necessary to log in to the CITI Program site to view these links.

We suggest you retain this email for your records.



888.529.5929 / 8:30 a.m. to 7:30 p.m. / U.S. Eastern Time / Monday - Friday

Looking for help? Visit [support.citiprogram.org](http://support.citiprogram.org)

This message was sent from an automated account that does not receive email.

If you wish to reply, please contact [support@citiprogram.org](mailto:support@citiprogram.org) instead.

**From:** Steven Nicoll  
**Sent time:** 05/17/2019 04:33:09 PM  
**To:** Tricia Mayhew-Noel  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: DMR Review for IACUC Meeting May 2019

---

I have reviewed and approve the annual progress report for Protocol 965.4 (ME).

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, May 2, 2019 4:36 PM  
**To:** Kaliris Salas; Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Harry Acosta; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Tricia Mayhew-Noel  
**Subject:** DMR Review for IACUC Meeting May 2019

Good Afternoon;  
There will not be an in-person IACUC meeting in May. However, there are 2 studies to be reviewed via DMR.

Please be sure to raise any objections to DMR reviews, such that it will be brought to the full committee for review and determination. Your response must be received by 5/8/19.

ME, 965.4 is a Category D, 4<sup>th</sup> year renewal, titled, "Husbandry of Murine Models of Retinal Development".  
BQV, 1055 was reviewed at the full board on April 10, where it was determined that "Minor Modifications were required to secure Approval". MP is the DMR for this study.

Again please let us know if you have any objections to the DMR studies.

Yours Sincerely,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 12/18/2018 05:37:07 PM  
**To:** Tricia Mayhew-Noel; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: DMR Reviews

---

Have we confirmed our meeting for tomorrow at 1 PM to discuss the semi-annual inspection report?

---

**From:** Tricia Mayhew-Noel  
**Sent:** Wednesday, December 12, 2018 4:58 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis; Kaliris Salas; Mark Pezzano gmail; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** DMR Reviews

Dear Committee,

There will not be a Full Committee IACUC meeting this month, though we anticipate meeting before the end of the year to review the Lab Inspections for our Annual Report. A date and time will be set in the upcoming week.

The attached studies will be assigned to DMR review.

Any objections to DMR Review must be received by COB Wednesday, December 19, 2018, where the study(ies) will be brought to the full committee for review as per policy.

Please kindly let me know If there are any objections.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 01/03/2019 01:54:28 PM  
**To:** Mark Emerson; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Emerson Protocol 932.4 Renewal  
**Attachments:** 932pt4RenewalSubmission.pdf

---

Hi Mark,

I have a question regarding your renewal of protocol 932. You list the location of surgical site as CDI-13221. I just want to confirm that the location is correct.

Thanks,

Steve

---

**From:** Mark Emerson  
**Sent:** Wednesday, December 5, 2018 3:49 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Emerson Protocol 932.4 Renewal

Dear CCNY IACUC,

Please find attached the renewal application for protocol 932.4. At the end of the renewal are the appropriate NIH project narrative and Biosafety assurance.

Thank you for taking the time to review this application and please let me know if I can provide any further information.

Best, Mark Emerson

\*\*\*\*\*

Mark Emerson, PhD  
Assistant Professor  
The City College of New York,  
The City University of New York  
CDI - 3N, Dept. of Biology  
85 St. Nicholas Terrace  
New York, NY. 10031  
(212)650-8417

932p14RenewalSubmission.pdf

The City College  
of New York

Compton & Goethals Hall, Rm 04  
160 Convent Ave  
New York, N. Y. 10031

Tel: 212.650.5080  
Fax: 212.650.6874  
Email: RBelgrave @ccny.cuny.edu

**Environmental Health and Occupational Safety**

Monday November 7<sup>th</sup> 2016

To: Mark Emmerson. Ph.D..  
From: Mark Pezzanno on the behalf of the IBC Committee  
Re: ***Approval for research projects with rDNA***

This memorandum serves to confirm that Mr. Mark Emmerson is approved to conduct research projects with recombinant DNA products at the City College – CUNY Center for Discovery and Innovation.

You are obliged to inform the IBC in writing if there are significant changes to the previously approved research project which might affect National Institute of Health (NIH) classification and risk mitigation.

Thank you for your continued compliance.



---

Mark Pezzanno, Ph.D.  
IBC, Chairperson

Cc: Richard Belgrave M.S.  
Director, Environmental Health and Occupational Safety

**From:** Steven Nicoll  
**Sent time:** 01/03/2019 01:59:38 PM  
**To:** Mark Emerson; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Emerson Protocol 932.4 Renewal

---

Thanks.

Steve

---

**From:** Mark Emerson  
**Sent:** Thursday, January 3, 2019 1:56 PM  
**To:** Steven Nicoll; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Emerson Protocol 932.4 Renewal

Dear Steve,  
Yes this is correct.  
Best, Mark

---

**From:** Steven Nicoll  
**Sent:** Thursday, January 3, 2019 1:54 PM  
**To:** Mark Emerson; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Emerson Protocol 932.4 Renewal

Hi Mark,

I have a question regarding your renewal of protocol 932. You list the location of surgical site as CDI-13221. I just want to confirm that the location is correct.

Thanks,

Steve

---

**From:** Mark Emerson  
**Sent:** Wednesday, December 5, 2018 3:49 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Emerson Protocol 932.4 Renewal

Dear CCNY IACUC,

Please find attached the renewal application for protocol 932.4. At the end of the renewal are the appropriate NIH project narrative and Biosafety assurance.

Thank you for taking the time to review this application and please let me know if I can provide any further information.

Best, Mark Emerson

\*\*\*\*\*

Mark Emerson, PhD  
Assistant Professor  
The City College of New York,  
The City University of New York  
CDI - 3N, Dept. of Biology  
85 St. Nicholas Terrace  
New York, NY. 10031  
(212)650-8417

**From:** Mark Emerson  
**Sent time:** 01/03/2019 01:56:44 PM  
**To:** Steven Nicoll; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Emerson Protocol 932.4 Renewal

---

Dear Steve,  
Yes this is correct.  
Best, Mark

---

**From:** Steven Nicoll  
**Sent:** Thursday, January 3, 2019 1:54 PM  
**To:** Mark Emerson; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Emerson Protocol 932.4 Renewal

Hi Mark,

I have a question regarding your renewal of protocol 932. You list the location of surgical site as CDI-13221. I just want to confirm that the location is correct.

Thanks,

Steve

---

**From:** Mark Emerson  
**Sent:** Wednesday, December 5, 2018 3:49 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Emerson Protocol 932.4 Renewal

Dear CCNY IACUC,

Please find attached the renewal application for protocol 932.4. At the end of the renewal are the appropriate NIH project narrative and Biosafety assurance.

Thank you for taking the time to review this application and please let me know if I can provide any further information.

Best, Mark Emerson

\*\*\*\*\*

Mark Emerson, PhD  
Assistant Professor  
The City College of New York,  
The City University of New York  
CDI - 3N, Dept. of Biology  
85 St. Nicholas Terrace  
New York, NY. 10031  
(212)650-8417

**From:** Ratna [REDACTED]@gmail.com>  
**Sent time:** 10/16/2018 03:33:42 PM  
**To:** Steven Nicoll; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Fw: Protocol 981.2A1  
**Attachments:** sircar protocol re-revised 101618.pdf

---

Dear Dr. Nicoll,

Attached please find the re-revised IACUC protocol 981 incorporating all changes/additional information requested (changes are in red font). Please approve the protocol at the earliest so that we start doing our experiments. Time is of the essence. Already half the semester is over and student researchers are waiting to start doing their experiments. Thank you

Ratna

Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
160 Convent Avenue  
New York, NY 10031  
phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

On Tue, Oct 16, 2018 at 12:26 PM Ratna Sircar <[rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)> wrote:

---

**From:** Steven Nicoll  
**Sent:** Tuesday, October 16, 2018 11:48 AM  
**To:** Ratna Sircar  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 981.2A1

Dear Dr. Sircar,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 10/16/2018 10:57:37 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel  
**Subject:** Re: Fw: Protocol 981.2A1  
**Attachments:** sircar%20protocol%20re-revised%20101618.pdf

---

I have reviewed and approve the attached revised amended protocol.

Thanks,

Steve

---

**From:** Ratna [REDACTED]@gmail.com>  
**Sent:** Tuesday, October 16, 2018 3:33 PM  
**To:** Steven Nicoll; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Fw: Protocol 981.2A1

Dear Dr. Nicoll,

Attached please find the re-revised IACUC protocol 981 incorporating all changes/additional information requested (changes are in red font). Please approve the protocol at the earliest so that we start doing our experiments. Time is of the essence. Already half the semester is over and student researchers are waiting to start doing their experiments.

Thank you

Ratna

Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
160 Convent Avenue  
New York, NY 10031  
phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

On Tue, Oct 16, 2018 at 12:26 PM Ratna Sircar <[rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)> wrote:

---

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**Sent:** Tuesday, October 16, 2018 11:48 AM  
**To:** Ratna Sircar  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 981.2A1

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Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering

The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Tricia Mayhew-Noel  
**Sent time:** 01/15/2019 10:12:20 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com; Harry Acosta; Andreas Kottmann; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

Yes, Ms. Callender will be attending.

**From:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Sent:** Tuesday, January 15, 2019 9:30 AM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas Kottmann <akottmann@ccny.cuny.edu>; [REDACTED]@citymail.cuny.edu; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' [REDACTED]@gmail.com; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark Pezzano gmail' [REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

POL 87(2)(a)  
(FERPA)

Tricia

Sulli called to let me know that the state inspector is at his place and he will not be able to make today's meeting. Please let me know if we will still have a quorum .

Thanks  
Harry

**From:** Tricia Mayhew-Noel  
**Sent:** Monday, January 14, 2019 12:18 PM  
**To:** Andreas Kottmann <akottmann@ccny.cuny.edu>; [REDACTED]@citymail.cuny.edu; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' [REDACTED]@gmail.com; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark Pezzano gmail' [REDACTED]@gmail.com; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** FW: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

POL 87(2)(a)  
(FERPA)

Good Afternoon;  
For those who haven't done so already, please confirm whether you are available to attend tomorrow's meeting at 11am.

Thanks,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, January 10, 2019 4:54 PM  
**To:** 'Andreas H. Kottmann' <akottmann@med.cuny.edu> <AKottmann@med.cuny.edu>; 'Gloria Callender' [REDACTED]@hotmail.com [REDACTED]@hotmail.com; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' [REDACTED]@gmail.com; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark

Pezzano gmail" [REDACTED]@gmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>

Cc: Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>

**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

Good Afternoon All;

An IACUC Meeting will be held on **TUESDAY, JANUARY 15, 2019** at **11:00 AM**

**Please confirm your attendance.**

The studies to be reviewed are attached.

There are no DMR studies at this time for this meeting.

**AGENDA:**

Discussion -

- Review of Minutes from meetings –August 8, 2018, October 10, and November 14
- Protocols to be reviewed Full Committee:
  - 1026.1, AU, Pharmacologic Modulation of Neuroplasticity in the Rat Model
  - 1027.1, AU, Pharmacologic Modulation of Neuroplasticity in the Mouse Model
  - 1026.1A1, Pharmacologic Modulation of Neuroplasticity in the Rat Model
  - 1027.1A1, Pharmacologic Modulation of Neuroplasticity in the Mouse Model

**From:** Harry Acosta  
**Sent time:** 01/11/2019 09:08:50 AM  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu)  
**To:** <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis  
<Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

---

I will be there

Harry

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, January 10, 2019 4:54 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

Good Afternoon All;

An IACUC Meeting will be held on **TUESDAY, JANUARY 15, 2019 at 11:00 AM**

**Please confirm your attendance.**

The studies to be reviewed are attached.

There are no DMR studies at this time for this meeting.

**AGENDA:**

Discussion -

- Review of Minutes from meetings –August 8, 2018, October 10, and November 14
- Protocols to be reviewed Full Committee:
  - 1026.1, AU, Pharmacologic Modulation of Neuroplasticity in the Rat Model
  - 1027.1, AU, Pharmacologic Modulation of Neuroplasticity in the Mouse Model
  - 1026.1A1, Pharmacologic Modulation of Neuroplasticity in the Rat Model
  - 1027.1A1, Pharmacologic Modulation of Neuroplasticity in the Mouse Model

**From:** Harry Acosta  
**Sent time:** 01/15/2019 09:30:28 AM  
**To:** Tricia Mayhew-Noel; Andreas Kottmann; GLORIA COBENA; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

---

Tricia

Sulli called to let me know that the state inspector is at his place and he will not be able to make today's meeting. Please let me know if we will still have a quorum .

Thanks  
Harry

---

**From:** Tricia Mayhew-Noel  
**Sent:** Monday, January 14, 2019 12:18 PM  
**To:** Andreas Kottmann <akottmann@ccny.cuny.edu>; [REDACTED] [REDACTED]@citymail.cuny.edu>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' [REDACTED]@gmail.com>; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark Pezzano gmail' [REDACTED]@gmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** FW: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

POL 87(2)(a)  
(FERPA)

Good Afternoon;  
For those who haven't done so already, please confirm whether you are available to attend tomorrow's meeting at 11am.

Thanks,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, January 10, 2019 4:54 PM  
**To:** 'Andreas H. Kottmann' ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; 'Gloria Callender' [REDACTED]@hotmail.com> [REDACTED]@hotmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; 'Steve Nicoll' [REDACTED]@gmail.com>; 'Sulli Popilskis' <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; 'Mark Pezzano gmail' [REDACTED]@gmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
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  - 1027.1A1, Pharmacologic Modulation of Neuroplasticity in the Mouse Model

**From:** Tricia Mayhew-Noel  
**Sent time:** 01/10/2019 04:53:42 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM  
**Attachments:** Protocol 1027 (Mouse) Renewal Form#1.pdf AU -Mouse Protocol #1027 Renewal#1.pdf AU -Rat Protocol #1026 Renewal#1.pdf  
Protocol 1027 (Mouse) Renewal Form#1.pdf Protocol 1026 (Rat) Renewal Form#1.pdf

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  - 1026.1A1, Pharmacologic Modulation of Neuroplasticity in the Rat Model
  - 1027.1A1, Pharmacologic Modulation of Neuroplasticity in the Mouse Model

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 01/10/2019 05:01:14 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting 1/15/19 - 1/15/19 11:00AM

---

I am sorry, but I have a prior commitment (graduate advisory committee meeting) and cannot attend. Andreas

---

**From:** Tricia Mayhew-Noel [mailto:tmayhewnoel@ccny.cuny.edu]  
**Sent:** Thursday, January 10, 2019 4:54 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>  
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  - 1026.1A1, Pharmacologic Modulation of Neuroplasticity in the Rat Model
  - 1027.1A1, Pharmacologic Modulation of Neuroplasticity in the Mouse Model

**From:** Tricia Mayhew-Noel  
**Sent time:** 11/13/2018 02:04:56 PM  
**To:** Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting 11/14/18 - location change SH250  
**Attachments:** 1049, JT, protocol nov 2018 initial.pdf

---

Hi Harry,

Not sure if you got the request for you to be the DMR on JT,1049.

I'm attaching for your reference and comments.

Thanks

Tricia

---

**From:** Harry Acosta  
**Sent:** Monday, November 12, 2018 8:59 AM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com> [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting 11/14/18 - location change SH250

Steve

I will Not be able to attend this IACUC meeting. I will review and send my comments on the protocols. Including the protocol I was assigned as DMR.

Sulli, parking has been arranged in the NAC lot for you.

Harry

---

**From:** Tricia Mayhew-Noel  
**Sent:** Friday, November 9, 2018 4:22 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com> [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** IACUC Meeting 11/14/18 - location change SH250

Dear Committee – PLEASE SEE THE ATTACHED MINUTES FOR YOUR REVIEW AND DETERMINATION.

The next IACUC meeting is scheduled for Wednesday, **November 14th** , in **SH250** at 1:00pm.

**KINDLY CONFIRM YOUR ATTENDANCE.**

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- 954.3A5, JM, Maladaptive Corticospinal Tract Plasticity (Cat. D)

3. Protocols to be assigned and reviewed Designated Member Review (DMR):

- 965.3A2, ME, Husbandry of Murine Models of Retinal Development (Cat. D)
- 1035, JT, Glycocalyx Enhancement Retards Atherosclerosis Development (Cat. C)
- 1032, Y-HY, Parathyroid Hormone Related Protein Loaded Microcarrier for Stabilization of Human Mesenchymal Stem Cell Chondrogenesis (Cat. D)
- 1037, KO, 2018 Macaulay Honors College Inwood Hill Park BioBlitz (Cat. B)
- 1033, GB, : A Longitudinal Study of Oxidative Stress Driven Sickle Bone Degeneration and Therapeutic Interventions (Cat C)

4. Protocols previously approved via DMR:

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- 872.8, SP, Training Program (Rat) – renewal
- 949.4, SF, Effects of Reduced Mechanical Loading on Bone Microarchitecture and Osteocyte Mechanotransduction (Cat. D) – renewal
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- 1018A2, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? – amendment
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5. Protocols PENDING approval:

- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)
- 912.5, SP, Surveillance program for detection of Pathogens in Rat – renewal
- 913.5, SP, Surveillance program for detection of Pathogens in Rat - renewal
- 

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research

Shepard Hall Room 108B

160 Convent Ave

New York, NY 10031

1-212-650-7902 (phone)

1-212-650-8344 (fax)

[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)

<http://www.ccny.cuny.edu/irb/> (website)

**From:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Sent time:** 11/12/2018 10:13:11 AM  
**To:** Harry Acosta  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu)  
**Cc:** <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting 11/14/18 - location change SH250

---

Thank you Harry. I will be in attendance  
Sulli

Sent from my iPhone

On Nov 12, 2018, at 8:58 AM, Harry Acosta <>> wrote:

Steve

I will Not be able to attend this IACUC meeting. I will review and send my comments on the protocols. Including the protocol I was assigned as DMR.

Sulli, parking has been arranged in the NAC lot for you.

Harry

From: Tricia Mayhew-Noel  
Sent: Friday, November 9, 2018 4:22 PM  
To: Andreas H. Kottmann (akottmann@med.cuny.edu) <>>; Gloria Callender [REDACTED]@hotmail.com <>>; Harry Acosta <>>; Kaliris Salas <>>; Mark Pezzano <>>; Richard Belgrave <>>; Steven Nicoll <>>; Steve Nicoll <>>; Sulli Popilskis <>>; Kaliris Salas <>>  
Cc: Institutional Animal Care and Use Committee <>>  
Subject: IACUC Meeting 11/14/18 - location change SH250

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Tricia Mayhew-Noel, MS

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City College of New York  
Division for Research  
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160 Convent Ave  
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1-212-650-8344 (fax)  
tmayhewnoel@ccny.cuny.edu (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Harry Acosta  
**Sent time:** 11/12/2018 08:58:32 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting 11/14/18 - location change SH250

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**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
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Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 11/09/2018 04:37:52 PM  
Gloria Callender [REDACTED]@hotmail.com> [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Harry Acosta; Kaliris Salas; Mark Pezzano  
**To:** [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting 11/14/18 - location change SH250

---

Unfortunately I will be out of the country next week. Andreas

---

**From:** Tricia Mayhew-Noel [mailto:tmayhewnoel@ccny.cuny.edu]  
**Sent:** Friday, November 09, 2018 4:22 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com) [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
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  - 954.3A5, JM, Maladaptive Corticospinal Tract Plasticity (Cat. D)
3. Protocols to be assigned and reviewed Designated Member Review (DMR):
  - 965.3A2, ME, Husbandry of Murine Models of Retinal Development (Cat. D)
  - 1035, JT, Glycocalyx Enhancement Retards Atherosclerosis Development (Cat. C)
  - 1032, Y-HY, Parathyroid Hormone Related Protein Loaded Microcarrier for Stabilization of Human Mesenchymal Stem Cell Chondrogenesis (Cat. D)
  - 1037, KO, 2018 Macaulay Honors College Inwood Hill Park BioBlitz (Cat. B)
  - 1033, GB, : A Longitudinal Study of Oxidative Stress Driven Sickle Bone Degeneration and Therapeutic Interventions (Cat C)
4. Protocols previously approved via DMR:
  - 1031, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
  - 871.8, SP, Training Program (Mouse) - renewal
  - 872.8, SP, Training Program (Rat) – renewal

- 949.4, SF, Effects of Reduced Mechanical Loading on Bone Microarchitecture and Osteocyte Mechanotransduction (Cat. D) – renewal
- 991.1, KH-MC, Analysis of drug leads in pre-clinical xenograft mouse models” and “Biodegradable nanocarriers and antibodies as targeting delivery vehicles for cancer metallodrugs (Cat. E)
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- 1030A1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat – amendment
- 1034, GB, A Longitudinal Study of Oxidative Stress Driven Sickle Bone Degeneration and Therapeutic Interventions – Breeding Protocol

5. Protocols PENDING approval:

- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)
- 912.5, SP, Surveillance program for detection of Pathogens in Rat – renewal
- 913.5, SP, Surveillance program for detection of Pathogens in Rat - renewal
- 

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
 City College of New York  
 Division for Research  
 Shepard Hall Room 108B  
 160 Convent Ave  
 New York, NY 10031  
 1-212-650-7902 (phone)  
 1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Kaliris Salas  
**Sent time:** 11/13/2018 12:07:21 AM  
**To:** Mark Pezzano gmail [REDACTED]@gmail.com>; Harry Acosta  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann  
(akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Richard Belgrave; Steven Nicoll; Steve Nicoll  
[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting 11/14/18 - location change SH250

---

I can attend

**Kaliris Y. Salas-Ramirez, PhD**  
**Assistant Medical Professor**

*Department of Molecular, Cellular and Biomedical Sciences*  
*The Sophie Davis Program of Biomedical Sciences,*  
*CUNY School of Medicine*  
*160 Convent Ave.*  
*New York, NY 10031*

*Office: Harris Hall 203E*  
*Office phone: 212-650-8255*  
*Department Phone: 212-650-6994*  
*Marshak Science Building, J-116*  
*Lab phone: 212-650-7758*

---

**From:** Mark Pezzano gmail [REDACTED]@gmail.com>  
**Sent:** Monday, November 12, 2018 9:07 PM  
**To:** Harry Acosta  
**Cc:** Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis; Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting 11/14/18 - location change SH250

I will attend  
Best  
Mark

On Nov 12, 2018, at 8:58 AM, Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)> wrote:

Steve

I will Not be able to attend this IACUC meeting. I will review and send my comments on the protocols. Including the protocol I was assigned as DMR.

Sulli, parking has been arranged in the NAC lot for you.

Harry

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**From:** Tricia Mayhew-Noel  
**Sent:** Friday, November 9, 2018 4:22 PM  
**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** IACUC Meeting 11/14/18 - location change SH250

Dear Committee – PLEASE SEE THE ATTACHED MINUTES FOR YOUR REVIEW AND DETERMINATION

The next IACUC meeting is scheduled for Wednesday, **November 14th** , in **SH250** at 1:00pm.

**KINDLY CONFIRM YOUR ATTENDANCE.**

**AGENDA:**

Discussion -

1. Review of Minutes from meetings – [August 8<sup>th</sup>, 2018](#)
2. Protocols to be reviewed Full Committee:
  - 1036, JT, The Role of Glypican-1 in Controlling Flow-Mediated NO Production (Cat. D)
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  - 872.8, SP, Training Program (Rat) – renewal
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  - 913.5, SP, Surveillance program for detection of Pathogens in Rat - renewal
  -

**KINDLY CONFIRM YOUR ATTENDANCE.**

**Tricia Mayhew-Noel, MS**

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave

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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Mark Pezzano gmail [REDACTED]@gmail.com>  
**Sent time:** 11/12/2018 09:07:38 PM  
**To:** Harry Acosta  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu)  
**Cc:** <AKottmann@med.cuny.edu>; Kaliris Salas; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis  
<Sulli\_Popilskis@nymc.edu>; Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting 11/14/18 - location change SH250

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I will attend

Best

Mark

On Nov 12, 2018, at 8:58 AM, Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)> wrote:

Steve

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**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** IACUC Meeting 11/14/18 - location change SH250

Dear Committee – PLEASE SEE THE ATTACHED MINUTES FOR YOUR REVIEW AND DETERMINATION.

The next IACUC meeting is scheduled for Wednesday, **November 14th** , in **SH250** at 1:00pm.

**KINDLY CONFIRM YOUR ATTENDANCE.**

**AGENDA:**

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**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
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[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Institutional Animal Care and Use Committee  
**Sent time:** 04/08/2019 01:16:08 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting April 10, 2019 - Updated Agenda  
A-MIN-1-15-2019.docx A-MIN-12-19-2018.docx A-MIN-11-14-2018.docx Agenda 4-10-19.docx 1028.1 LS IACUC-Protocol-Renewal-Form.docx BV 1055 (prev. 956.3) renewal Protocol 956\_032119.pdf BV 1056 (prev. 961.3) Breeding Protocol 961\_032119.pdf 1015.1A1, JY Amendment Breeding protocol 2019 for mice v1.doc 1018.1A3, AC Initial Protocol\_Addendum.docx

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Please see the attached for the upcoming meeting

Updated Agenda for your review

Meeting Minutes attached for your review. 12-19-18 Minutes updated and January 15, 2019 Minutes added for your review.

Let me know if you have any questions.

Regards,  
Tricia

#### **4/10/19 AGENDA:**

Discussion – Memorandum of Understanding.

Minutes to be ratified:

- November 14, 2018
- December 19, 2018
- January 15, 2019

Protocols to be reviewed Full Committee:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D)

Protocols to be assigned and reviewed Designated Member Review (DMR):

- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A3, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols previously approved via DMR:

- 1026.1, AU, Molecular Characterization of SCI for Medications Development in the Rat Model
- 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model
- 1051, HO, Functional Microcircuitry (formerly 951.2) (Cat. D)
- 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
- 1053, RA, Biogeography of Small Non-Volant Mammals in the Northern Neotropics
- 1054, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>

**Sent:** Friday, April 5, 2019 5:20 PM

**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com) [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>

**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>

**Subject:** RE: IACUC Meeting April 10, 2019

Attached Minutes for your review.

---

**From:** Tricia Mayhew-Noel

**Sent:** Friday, April 5, 2019 5:19 PM

**To:** 'Andreas H. Kottmann (akottmann@med.cuny.edu)' <AKottmann@med.cuny.edu>; 'Gloria Callender [REDACTED]@hotmail.com)' [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark Pezzano' [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' [REDACTED]@gmail.com>; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>

**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>

**Subject:** IACUC Meeting April 10, 2019

**Importance:** High

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **April 10th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda and protocols attached:

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR review.

Any objections to DMR Review will be brought to the committee for review.

**KINDLY CONFIRM YOUR ATTENDANCE.**

1. Discussion – Memorandum of Understanding.

2. Review of Minutes from meeting – November 14, 2018 and December 19, 2018

1. Protocols to be reviewed Full Committee:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D)

2. Protocols to be assigned and reviewed Designated Member Review (DMR):

- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
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3. Protocols previously approved via DMR:

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Y

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**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

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Division for Research  
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160 Convent Ave  
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[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 1/15/2019



Shepard Hall, 108  
160 Convent Ave  
New York, NY 10031  
212-650-7902

## IACUC Minutes

### Members Present (Quorum = 4) <sup>1,2</sup>

Member Name	Voting Member	Is Scientific	Is Affiliated
SN (Chair)	Y	Y	Y
SP (Attend. Vet)	Y	Y	N
HA	Y	Y	Y
TMN	Y	N	Y
GC	Y	N	N

<sup>1</sup> All members received all pertinent material prior to the meeting, and all actively and equally will participate in the discussions.

<sup>2</sup> According to the IACUC membership list registered with OLAW; Full names are also listed and registered with OLAW. The voting membership totals 7 making the number of members required for quorum at this meeting 4 or greater.

### Voting Members Absent

Member Name	Voting Member	Is Scientific	Is Affiliated
AK	Y	Y	Y
KSR (Alternate)	Y	Y	Y
MP	Y	Y	Y
RB (Non-Voting)	N	N	Y

### IACUC Administrative Staff

Tricia Mayhew-Noel, MS

Research Compliance Director

### Announcements

The next IACUC committee meetings are scheduled for:

February 13, 2019

March 13, 2019

April 10, 2019

This meeting was called to order at 11:27 am (EST) with a quorum present

### Minutes Ratified

None

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 1/15/2019

### Discussions

None

### Full Committee Reviews (FCR)

All studies and items for discussions and votes are reviewed by members consistent with *the Guide for the Care and Use of Laboratory Animals (the Guide)*, *the Public Health Service Policy on Humane Care and Use of Laboratory Animals (PHS Policy)* and *the Animal Welfare Act and Animal Welfare Regulations (AWRs)*.

#### Protocols:

- 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model (Cat. D)
  - The Board requested the justification of the addition of new agents to the protocol in the experimental design and in the justification for the use of non-pharmaceutical grade agents.
  - The Board requested the PI state non-pharmaceutical grade agents are filter sterilized.
  - In the Hazards section of the protocol, the Board recommended the PI to list the source of the shRNA and CRISPR vectors.
  - The Board determined that Biosafety Approval is required before commencing work.

The Committee moved for **Modifications required to secure approval**, DMR: SN.

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
4	0	0	0

- 1026.1, AU, Molecular Characterization of SCI for Medications Development in the Rat Model (Cat. D)
  - The Board requested the justification of the addition of new agents to the protocol in the experimental design and in the justification for the use of non-pharmaceutical grade agents.
  - The Board requested the PI state non-pharmaceutical grade agents are filter sterilized.
  - In the Hazards section of the protocol, the Board recommended the PI to list the source of the shRNA and CRISPR vectors.
  - The Board determined that Biosafety Approval is required before commencing work.

The Committee moved for **Modifications required to secure approval**, DMR: SN.

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
• 4	0	0	0

### Designated Member Reviews (DMR)

**Protocols reviewed and approved via DMR:**

None

**Protocols pending approval:**

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)

## Institutional Animal Care And Use Committee

**The City College of New York  
IACUC MINUTES 1/15/2019**

- 
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
  - 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
  - 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
  - 1051, HO, Functional Microcircuitry(formerly 951.2) (Cat. D)
  - 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
  - 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
  - 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
  - 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)
- 

### Signature

Approved on/by:

Date	
Print name and signature	<b>Steven B. Nicoll, Ph.D.</b> Chairman or designee <i>All agenda items having been discussed and voted on, the meeting adjourned at 12:15 pm EST.</i>

---

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 12/19/2018



Shepard Hall, 108  
160 Convent Ave  
New York, NY 10031  
212-650-7902

## IACUC Minutes

### Members Present (Quorum = 4) <sup>1,2</sup>

Member Name	Voting Member	Is Scientific	Is Affiliated
SN (Chair)	Y	Y	Y
SP (Attend. Vet)	Y	Y	N
HA	Y	Y	Y
AK	Y	Y	Y
TMN	Y	N	Y

<sup>1</sup> All members received all pertinent material prior to the meeting, and all actively and equally will participate in the discussions.

<sup>2</sup> According to the IACUC membership list registered with OLAW; Full names are also listed and registered with OLAW. The voting membership totals 7 making the number of members required for quorum at this meeting 4 or greater.

### Voting Members Absent

Member Name	Voting Member	Is Scientific	Is Affiliated
GC	Y	N	N
AK	Y	Y	Y
KSR (Alternate)	Y	Y	Y
MP	Y	Y	Y
RB (Non-Voting)	N	N	Y

### IACUC Administrative Staff

Tricia Mayhew-Noel, MS

Research Compliance Director

### Announcements

The next IACUC committee meetings are scheduled for:

January 9, 2019

February 13, 2019

March 13, 2019

This meeting was called to order at 1:05 pm (EST) with a quorum present

### Minutes Ratified

None

### Discussions

None

## Institutional Animal Care And Use Committee

The City College of New York

IACUC MINUTES 12/19/2018

### Full Committee Reviews (FCR)

All studies and items for discussions and votes are reviewed by members consistent with *the Guide for the Care and Use of Laboratory Animals (the Guide)*, *the Public Health Service Policy on Humane Care and Use of Laboratory Animals (PHS Policy)* and *the Animal Welfare Act and Animal Welfare Regulations (AWRs)*.

- 1) Semi Annual Review Program and Facility Inspection Review was conducted. No deficiencies were found. The program and inspection review was noted as Acceptable.

• <u>Votes For:</u>	• <u>Votes Against</u>	• <u>Abstentions</u>	• <u>Recused</u>
5	0	0	0

**Protocols - None**

### Designated Member Reviews (DMR)

**Protocols reviewed and approved via DMR:**

- 932.5, ME, Transcriptional Regulation of Cone Photoreceptor Genesis (Cat. D)
- 1027.A1, Molecular Characterization of SCI for Medications Development in the Mouse Model
- 1026.A1, Molecular Characterization of SCI for Medications Development in the Rat Model
- 1041, JY, Experimental Acute Myocardial Infarction in Mice (Cat. D)

**Protocols pending approval:**

- 1051, HO, Functional Microcircuitry(formerly 951.2) (Cat. D)
- 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

### Signature

Approved on/by:

Date	
Print name and signature	<u>Steven B. Nicoll, Ph.D.</u> Chairman or designee <i>All agenda items having been discussed and voted on, the meeting adjourned at 1:17 pm EST.</i>

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 11/14/2018



Shepard Hall, 108  
160 Convent Ave  
New York, NY 10031  
212-650-7902

## IACUC Minutes

### Members Present (Quorum = 4) <sup>1,2</sup>

Member Name	Voting Member	Is Scientific	Is Affiliated
SN (Chair)	Y	Y	Y
SP (Attend. Vet)	Y	Y	N
KSR (Alternate)	Y	Y	Y
MP	Y	Y	Y
RB (Non-Voting)	N	N	Y
TMN	Y	N	Y

<sup>1</sup> All members received all pertinent material prior to the meeting, and all actively and equally will participate in the discussions.

<sup>2</sup> According to the IACUC membership list registered with OLAW; Full names are also listed and registered with OLAW. The voting membership totals 7 making the number of members required for quorum at this meeting 4 or greater.

### Voting Members Absent

Member Name	Voting Member	Is Scientific	Is Affiliated
H.A.	Y	N	Y
GC	Y	N	N
AK	Y	Y	Y

### IACUC Administrative Staff

Tricia Mayhew-Noel, MS

Research Compliance Director

### Announcements

The next IACUC committee meetings are scheduled for:

December 12, 2018

January 9, 2019

February 13, 2019

This meeting was called to order at 1:23 pm (EST) with a quorum present

## Institutional Animal Care And Use Committee

The City College of New York

IACUC MINUTES 11/14/2018

### Minutes Ratified

August 8, 2018

The Committee moved for Approval

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
3	0	2	0

### Discussions

None

### Full Committee Reviews (FCR)

All studies and items for discussions and votes are reviewed by members consistent with *the* Guide for the Care and Use of Laboratory Animals (*the* Guide), *the* Public Health Service Policy on Humane Care and Use of Laboratory Animals (*PHS Policy*) and *the* Animal Welfare Act and Animal Welfare Regulations (*AWRs*).

### Protocols

#### 1041, JY, Experimental Acute Myocardial Infarction in Mice (Cat. D)

- Page 9, the Board requested additional keywords to the Literature Search and combination of such terms as, “non-animal model” and “alternatives to painful procedures” and a report on the number of “hits”.

The Committee moved for **Minor modifications required to secure approval**, DMR: SN

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
5	0	0	0

#### 1046, AR-C, Neurovascular Development in Mice (Cat. D)

- The Board determined that the PI should complete the application in an updated form and resubmit for review.
- The Board requested the PI to specify the Ketamine dosage for euthanasia in Table 4, and that it must be followed by a thoracotomy.
- The Board requested that the PI specify the strains to be received from the collaborators.
- The Board requested that the PI specify the percent weight loss in the adverse events section.
- The Board requested that the PI specify the dose (“overdose” is not sufficient) and the agent for the “pentobarbital like drug,” and it must be followed by perfusion.
- The Board requested the PI to provide a better justification for the animal numbers needed by including time points, strains, treatments etc. in the description here and in the general description of the experimental procedure.

The Committee moved to **Tabled**.

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
5	0	0	0

## Institutional Animal Care And Use Committee

The City College of New York

IACUC MINUTES 11/14/2018

**1048, EF-HR**, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)

- Formerly study number 978.2, the Board determined that the PI should complete an initial application in an updated form and resubmit for review.

The Committee moved to **Tabled**.

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
5	0	0	0

### Designated Member Reviews (DMR)

**Protocols reviewed and approved via DMR:**

- 1017.1, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Cat. C)
- 1018.1, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Cat. C)
- 1049, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness (Cat. B)

**Protocols pending approval:**

- 951.3, HO, Functional Microcircuitry
- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

### Signature

Approved on/by:

Date	
Print name and signature	<u>Steven B. Nicoll, Ph.D.</u> Chairman or designee <i>All agenda items having been discussed and voted on, the meeting adjourned at 2:06 pm EST.</i>



CCNY Research Compliance  
IACUC  
Shepard Hall, Room 108  
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TEL: 212-650-7902  
FAX: 212-650-8344  
Email: iacuc@ccny.cuny.edu

## INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Date: April 10, 2019

Location: Faculty Senate Shepard Hall Room 150

TO: Institutional Animal Care and Use Committee

Prof. Steven Nicoll (Chairperson)	-	Biomedical Engineering
Prof. Andreas Kottmann	-	Biomedical Education
Ms. Gloria Callender	-	Community Member
Ms. Tricia Mayhew-Noel	-	Research Ethics & Safety
Prof. Mark Pezzano	-	Biology
Dr. Sulli Popilskis	-	Veterinarian
Mr. Harry Acosta	-	Animal Care Facility Manager
Mr. Richard Belgrave	-	EHOS Facilities Manager

### AGENDA:

Discussion – Memorandum of Understanding.

Minutes to be ratified:

- November 14, 2018
- December 19, 2018
- January 15, 2019

Protocols to be reviewed Full Committee:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D)

Protocols to be assigned and reviewed Designated Member Review (DMR):

- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A3, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols previously approved via DMR:

- 1026.1, AU, Molecular Characterization of SCI for Medications Development in the Rat Model
- 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model
- 1051, HO, Functional Microcircuitry (formerly 951.2) (Cat. D)
- 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
- 1053, RA, Biogeography of Small Non-Volant Mammals in the Northern Neotropics

- 1054, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**From:** Tricia Mayhew-Noel  
**Sent time:** 04/08/2019 12:35:05 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting April 10, 2019

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Yes, please attend.

Thanks,  
Tricia

---

**From:** Kaliris Salas <ksalasram@ccny.cuny.edu>  
**Sent:** Saturday, April 6, 2019 12:55 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: IACUC Meeting April 10, 2019

I can attend if needed.

**Kaliris Y. Salas-Ramirez, PhD**  
**Assistant Medical Professor**

*Department of Molecular, Cellular and Biomedical Sciences  
The Sophie Davis Program of Biomedical Sciences,  
CUNY School of Medicine  
160 Convent Ave.  
New York, NY 10031*

*Office: Harris Hall 203E  
Office phone: 212-650-8255  
Department Phone: 212-650-6994  
Marshak Science Building, J-116  
Lab phone: 212-650-7758*

---

**From:** Tricia Mayhew-Noel  
**Sent:** Friday, April 5, 2019 5:20 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Harry Acosta; Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting April 10, 2019

Attached Minutes for your review.

---

**From:** Tricia Mayhew-Noel  
**Sent:** Friday, April 5, 2019 5:19 PM  
**To:** 'Andreas H. Kottmann (akottmann@med.cuny.edu)' <AKottmann@med.cuny.edu>; 'Gloria Callender [REDACTED]@hotmail.com)' [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark Pezzano' [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' [REDACTED]@gmail.com>; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** IACUC Meeting April 10, 2019  
**Importance:** High

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **April 10th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda and protocols attached:

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR review.

Any objections to DMR Review will be brought to the committee for review.

**KINDLY CONFIRM YOUR ATTENDANCE.**

1. Discussion – Memorandum of Understanding.
2. Review of Minutes from meeting – November 14, 2018 and December 19, 2018
1. Protocols to be reviewed Full Committee:
  - 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D)
2. Protocols to be assigned and reviewed Designated Member Review (DMR):
  - 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
  - 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
  - 1018.1A3, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
  - 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)
3. Protocols previously approved via DMR:
  - 1026.1, AU, Molecular Characterization of SCI for Medications Development in the Rat Model
  - 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model
  - 1053, RA, Biogeography of Small Non-Volant Mammals in the Northern Neotropics
  - 1054, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness
4. Protocols PENDING approval:
  - 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
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  - 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
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  - 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
  - 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)



**From:** Harry Acosta  
**Sent time:** 04/08/2019 09:34:32 AM  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu)  
**To:** <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting April 10, 2019

---

I will be there

Harry

---

**From:** Tricia Mayhew-Noel  
**Sent:** Friday, April 5, 2019 5:19 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** IACUC Meeting April 10, 2019  
**Importance:** High

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **April 10th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda and protocols attached:

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR review.

Any objections to DMR Review will be brought to the committee for review.

**KINDLY CONFIRM YOUR ATTENDANCE.**

1. Discussion – Memorandum of Understanding.
2. Review of Minutes from meeting – November 14, 2018 and December 19, 2018
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  - 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)
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  - 1026.1, AU, Molecular Characterization of SCI for Medications Development in the Rat Model
  - 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model

- 1053, RA, Biogeography of Small Non-Volant Mammals in the Northern Neotropics
- 1054, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness

Y

#### 4. Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
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- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

#### KINDLY CONFIRM YOUR ATTENDANCE.

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
 City College of New York  
 Division for Research  
 Shepard Hall Room 108B  
 160 Convent Ave  
 New York, NY 10031  
 1-212-650-7902 (phone)  
 1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Tricia Mayhew-Noel  
**Sent time:** 04/05/2019 05:20:15 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting April 10, 2019  
**Attachments:** A-MIN-12-19-2018.docx A-MIN-11-14-2018.docx

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[Attached Minutes for your review.](#)

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**From:** Tricia Mayhew-Noel  
**Sent:** Friday, April 5, 2019 5:19 PM  
**To:** 'Andreas H. Kottmann (akottmann@med.cuny.edu)' <AKottmann@med.cuny.edu>; 'Gloria Callender [REDACTED]@hotmail.com' [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark Pezzano' [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' [REDACTED]@gmail.com>; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** IACUC Meeting April 10, 2019  
**Importance:** High

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **April 10th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda and protocols attached:

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR review.

Any objections to DMR Review will be brought to the committee for review.

**KINDLY CONFIRM YOUR ATTENDANCE.**

1. Discussion – Memorandum of Understanding.
2. Review of Minutes from meeting – November 14, 2018 and December 19, 2018
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  3. Protocols previously approved via DMR:
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    - 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model

- 1053, RA, Biogeography of Small Non-Volant Mammals in the Northern Neotropics
- 1054, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness

Y

4. Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 1051, HO, Functional Microcircuitry
- 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
 City College of New York  
 Division for Research  
 Shepard Hall Room 108B  
 160 Convent Ave  
 New York, NY 10031  
 1-212-650-7902 (phone)  
 1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 12/19/2018



Shepard Hall, 108  
160 Convent Ave  
New York, NY 10031  
212-650-7902

## IACUC Minutes

### Members Present (Quorum = 4) <sup>1,2</sup>

Member Name	Voting Member	Is Scientific	Is Affiliated
SN (Chair)	Y	Y	Y
SP (Attend. Vet)	Y	Y	N
HA	Y	Y	Y
AK	Y	Y	Y
TMN	Y	N	Y
RB (Non-Voting)	N	N	Y

<sup>1</sup> All members received all pertinent material prior to the meeting, and all actively and equally will participate in the discussions.

<sup>2</sup> According to the IACUC membership list registered with OLAW; Full names are also listed and registered with OLAW. The voting membership totals 7 making the number of members required for quorum at this meeting 4 or greater.

### Voting Members Absent

Member Name	Voting Member	Is Scientific	Is Affiliated
GC	Y	N	N
AK	Y	Y	Y
KSR (Alternate)	Y	Y	Y
MP	Y	Y	Y
RB (Non-Voting)	N	N	Y

### IACUC Administrative Staff

Tricia Mayhew-Noel, MS                      Research Compliance Director

### Announcements

**The next IACUC committee meetings are scheduled for:**

January 9, 2019

February 13, 2019

March 13, 2019

**This meeting was called to order at 1:05 pm (EST) with a quorum present**

## Institutional Animal Care And Use Committee

The City College of New York

IACUC MINUTES 12/19/2018

### Minutes Ratified

None

### Discussions

None

### Full Committee Reviews (FCR)

All studies and items for discussions and votes are reviewed by members consistent with *the* Guide for the Care and Use of Laboratory Animals (*the* Guide), *the* Public Health Service Policy on Humane Care and Use of Laboratory Animals (*PHS Policy*) and *the* Animal Welfare Act and Animal Welfare Regulations (*AWRs*).

- 1) Semi Annual Review was conducted.

**Protocols - None**

### Designated Member Reviews (DMR)

**Protocols reviewed and approved via DMR:**

- 932.5, ME, Transcriptional Regulation of Cone Photoreceptor Genesis (Cat. D)
- 1027.A1, Molecular Characterization of SCI for Medications Development in the Mouse Model
- 1026.A1, Molecular Characterization of SCI for Medications Development in the Rat Model

**Protocols pending approval:**

- 1051, HO, Functional Microcircuitry(formerly 951.2) (Cat. D)
- 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

### Signature

Approved on/by:

Date	
Print name and signature	Steven B. Nicoll, Ph.D. Chairman or designee <i>All agenda items having been discussed and voted on, the meeting adjourned at 1:17 pm EST.</i>

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 11/14/2018



Shepard Hall, 108  
160 Convent Ave  
New York, NY 10031  
212-650-7902

## IACUC Minutes

### Members Present (Quorum = 4) <sup>1,2</sup>

Member Name	Voting Member	Is Scientific	Is Affiliated
SN (Chair)	Y	Y	Y
SP (Attend. Vet)	Y	Y	N
KSR (Alternate)	Y	Y	Y
MP	Y	Y	Y
RB (Non-Voting)	N	N	Y
TMN	Y	N	Y

<sup>1</sup> All members received all pertinent material prior to the meeting, and all actively and equally will participate in the discussions.

<sup>2</sup> According to the IACUC membership list registered with OLAW; Full names are also listed and registered with OLAW. The voting membership totals 7 making the number of members required for quorum at this meeting 4 or greater.

### Voting Members Absent

Member Name	Voting Member	Is Scientific	Is Affiliated
H.A.	Y	N	Y
GC	Y	N	N
AK	Y	Y	Y

### IACUC Administrative Staff

Tricia Mayhew-Noel, MS

Research Compliance Director

### Announcements

The next IACUC committee meetings are scheduled for:

December 12, 2018

January 9, 2019

February 13, 2019

**This meeting was called to order at 1:23 pm (EST) with a quorum present**

## Institutional Animal Care And Use Committee

The City College of New York  
IACUC MINUTES 11/14/2018

### Minutes Ratified

August 8, 2018

The Committee moved for Approval

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
3	0	2	0

### Discussions

None

### Full Committee Reviews (FCR)

All studies and items for discussions and votes are reviewed by members consistent with *the* Guide for the Care and Use of Laboratory Animals (*the* Guide), *the* Public Health Service Policy on Humane Care and Use of Laboratory Animals (*PHS Policy*) and *the* Animal Welfare Act and Animal Welfare Regulations (*AWRs*).

### Protocols

#### 1041, JY, Experimental Acute Myocardial Infarction in Mice (Cat. D)

- Page 9, the Board requested additional keywords to the Literature Search and combination of such terms as, “non-animal model” and “alternatives to painful procedures” and a report on the number of “hits”.

The Committee moved for **Minor modifications required to secure approval**, DMR: SN

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
5	0	0	0

#### 1046, AR-C, Neurovascular Development in Mice (Cat. D)

- The Board determined that the PI should complete the application in an updated form and resubmit for review.
- The Board requested the PI to specify the Ketamine dosage for euthanasia in Table 4, and that it must be followed by a thoracotomy.
- The Board requested that the PI specify the strains to be received from the collaborators.
- The Board requested that the PI specify the percent weight loss in the adverse events section.
- The Board requested that the PI specify the dose (“overdose” is not sufficient) and the agent for the “pentobarbital like drug,” and it must be followed by perfusion.
- The Board requested the PI to provide a better justification for the animal numbers needed by including time points, strains, treatments etc. in the description here and in the general description of the experimental procedure.

The Committee moved to **Tabled**.

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
5	0	0	0

## Institutional Animal Care And Use Committee

The City College of New York

IACUC MINUTES 11/14/2018

**1048, EF-HR**, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)

- Formerly study number 978.2, the Board determined that the PI should complete an initial application in an updated form and resubmit for review.

The Committee moved to **Tabled**.

<u>Votes For:</u>	<u>Votes Against</u>	<u>Abstentions</u>	<u>Recused</u>
5	0	0	0

### Designated Member Reviews (DMR)

**Protocols reviewed and approved via DMR:**

- 1017.1, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Cat. C)
- 1018.1, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Cat. C)
- 1049, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness (Cat. B)

**Protocols pending approval:**

- 951.3, HO, Functional Microcircuitry
- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

### Signature

Approved on/by:

Date	
Print name and signature	<u>Steven B. Nicoll, Ph.D.</u> Chairman or designee <i>All agenda items having been discussed and voted on, the meeting adjourned at 2:06 pm EST.</i>

**From:** Kaliris Salas  
**Sent time:** 04/06/2019 12:54:46 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting April 10, 2019

---

I can attend if needed.

**Kaliris Y. Salas-Ramirez, PhD**  
**Assistant Medical Professor**

*Department of Molecular, Cellular and Biomedical Sciences  
The Sophie Davis Program of Biomedical Sciences,  
CUNY School of Medicine  
160 Convent Ave.  
New York, NY 10031*

*Office: Harris Hall 203E  
Office phone: 212-650-8255  
Department Phone: 212-650-6994  
Marshak Science Building, J-116  
Lab phone: 212-650-7758*

---

**From:** Tricia Mayhew-Noel  
**Sent:** Friday, April 5, 2019 5:20 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Harry Acosta; Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting April 10, 2019

Attached Minutes for your review.

---

**From:** Tricia Mayhew-Noel  
**Sent:** Friday, April 5, 2019 5:19 PM  
**To:** 'Andreas H. Kottmann (akottmann@med.cuny.edu)' <AKottmann@med.cuny.edu>; 'Gloria Callender [REDACTED]@hotmail.com)' [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; 'Mark Pezzano' [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; 'Steve Nicoll' [REDACTED]@gmail.com>; 'Sulli Popilskis' <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** IACUC Meeting April 10, 2019  
**Importance:** High

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **April 10th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda and protocols attached:

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR review.

Any objections to DMR Review will be brought to the committee for review.

**KINDLY CONFIRM YOUR ATTENDANCE.**

1. Discussion – Memorandum of Understanding.

2. Review of Minutes from meeting – November 14, 2018 and December 19, 2018
1. Protocols to be reviewed Full Committee:
  - 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D)
2. Protocols to be assigned and reviewed Designated Member Review (DMR):
  - 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
  - 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
  - 1018.1A3, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
  - 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)
3. Protocols previously approved via DMR:
  - 1026.1, AU, Molecular Characterization of SCI for Medications Development in the Rat Model
  - 1027.1, AU, Molecular Characterization of SCI for Medications Development in the Mouse Model
  - 1053, RA, Biogeography of Small Non-Volant Mammals in the Northern Neotropics
  - 1054, JT, The Role of the Glycocalyx in Hypertension-Induced Arterial Stiffness
4. Protocols PENDING approval:
  - 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
  - 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
  - 1046, AR-C, Neurovascular Development in Mice (Cat. D)
  - 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
  - 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
  - 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
  - 1051, HO, Functional Microcircuitry
  - 1052, SS, Molecular Regulation of Mammalian Erythro-Megakaryocytic Development (Cat. C)
  - 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
  - 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
  - 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Tricia Mayhew-Noel  
**Sent time:** 08/27/2019 02:45:54 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas Kottmann <AKottmann@med.cuny.edu>; Steven Nicoll; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting Aug. 30, 11-1pm  
**Attachments:** Agenda 8-30-19.docx

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**ROOM Confirmation:**

**Location: Wille Administration Building Room 201**

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Tuesday, August 27, 2019 2:16 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** IACUC Meeting Aug. 30, 11-1pm  
**Importance:** High

**IACUC Members:**

The Agenda for **8/30/19** is attached. The room is still to be determined, as soon as one is available you will be informed.

Confirmed Attendance thus far:  
Steven Nicoll, Andreas Kottman, Harry Acosta and Gloria Callender.

Please **CONFIRM** your attendance if you have not done so already.

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- None

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, KH, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).
- 1062, RS, Adolescent Exposure to Abused Substances (Cat. E)
- 1063, KD, 2019 Macaulay Honors College Green-Wood Gowanus Bioblitz (Cat. B)
- 1064, AR-C, Activity-Dependent Development of Auditory Neurons – Breeding (Cat.)
- 1065, AR-C, Activity-Dependent Development of Auditory Neurons – Experimental (Cat. D)
- 1066, AR-C, Effect of Hypoxia and Anesthesia on Brain Vascular Physiology – Cat. B)

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)

- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

---

**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>

**Sent:** Tuesday, August 27, 2019 8:47 AM

**To:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com> [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: URGENT ADHOC IACUC Meeting

Will be there. Andreas

---

**From:** Steven Nicoll [<mailto:snicoll@ccny.cuny.edu>]

**Sent:** Monday, August 26, 2019 8:18 AM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com> [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** Re: URGENT ADHOC IACUC Meeting

Correction, the meeting is scheduled for Friday, Aug. 30 from 11-1.

Thanks,  
Steve

---

**From:** Steven Nicoll

**Sent:** Friday, August 23, 2019 7:05 PM

**To:** Tricia Mayhew-Noel; Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas; Mark Pezzano; Richard Belgrave; Steve Nicoll; Sulli Popilskis

**Cc:** Institutional Animal Care and Use Committee

**Subject:** Re: URGENT ADHOC IACUC Meeting

Dear IACUC Members,

The protocols for review on Thursday, Aug. 29th from 11-1 are attached. Karen Hubbard is now the PI for protocol 1061, replacing Robert Alfano. We've added 1063 Bioblitz from Kelly O'Donnell, three protocols from Adrian Rodriguez-Contreras (1064-1066) and a protocol from Ratna Sircar (1062). Protocols 1059 and 1060 (Goyert) will be reviewed via DMR by me as will the renewal for 1030 (Dmochowski). Many of these additional protocols would have been DMR but there wasn't sufficient time to send them to the committee in advance.

Thanks,  
Steve

**From:** Tricia Mayhew-Noel  
**Sent:** Wednesday, August 21, 2019 6:23 PM  
**To:** Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** URGENT ADHOC IACUC Meeting

Dear IACUC Members,

It is urgent that we schedule an IACUC Meeting as soon as possible.

Please see the link of the DOODLE Poll calendar to indicate your availability.

Please indicate your date of choice prior to **COB Tomorrow!**

The link to the poll can be found [here](#).

If you are unable to access the link please send me an email promptly.

Best Regards,  
Tricia

---

**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>  
**Sent:** Wednesday, August 21, 2019 1:40 PM  
**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com); [REDACTED]@hotmail.com); Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com); Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com); Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am available in principle from next Tuesday onwards. Maybe best to do a doodle poll? Andreas

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Sent:** Wednesday, August 21, 2019 12:21 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com); [REDACTED]@hotmail.com); Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com); Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com); Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am available until Wednesday.  
Tricia

---

**From:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Sent:** Wednesday, August 21, 2019 12:03 PM  
**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas H. Kottmann (<[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)> <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>); Gloria Callender [REDACTED]@hotmail.com); [REDACTED]@hotmail.com); Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com); Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com); Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar (I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1059. This number had been  
**Obtained by Rise for Animals! Uploaded 07/06/2020**

assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

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**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 7, 2019 4:41 PM

**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** IACUC Meeting August 14, 2019

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. [Please note that Read Receipts are being requested to document acknowledgment of DMR projects.](#)

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)

- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)



Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)



CCNY Research Compliance  
IACUC  
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New York, New York 10031  
TEL: 212-650-7902  
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Email: iacuc@ccny.cuny.edu

## INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Date: August 30, 2019

Location: Wille Administration Building Room 201

TO: Institutional Animal Care and Use Committee

Prof. Steven Nicoll (Chairperson)	-	Biomedical Engineering
Prof. Andreas Kottmann	-	Biomedical Education
Ms. Gloria Callender	-	Community Member
Ms. Tricia Mayhew-Noel	-	Research Ethics & Safety
Prof. Mark Pezzano	-	Biology
Dr. Sulli Popilskis	-	Veterinarian
Mr. Harry Acosta	-	Animal Care Facility Manager
Mr. Richard Belgrave	-	EHOS Facilities Manager

### AGENDA:

Discussion – None.

Minutes to be ratified:

- None

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, KH, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).
- 1062, RS, Adolescent Exposure to Abused Substances (Cat. E)
- 1063, KD, 2019 Macaulay Honors College Green-Wood Gowanus Bioblitz (Cat. B)
- 1064, AR-C, Activity-Dependent Development of Auditory Neurons – Breeding (Cat.)
- 1065, AR-C, Activity-Dependent Development of Auditory Neurons – Experimental (Cat. D)
- 1066, AR-C, Effect of Hypoxia and Anesthesia on Brain Vascular Physiology – Cat. B)

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)

- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

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- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
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- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
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- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 08/30/2019 11:09:52 AM  
**To:** Tricia Mayhew-Noel  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Steven Nicoll; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>;  
**Cc:** Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting Aug. 30, 11-1pm

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Where are we meeting? I can't find you. A

Sent from my iPhone

On Aug 27, 2019, at 2:47 PM, Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)> wrote:

ROOM Confirmation:

**Location: Wille Administration Building Room 201**

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**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Sent:** Tuesday, August 27, 2019 2:16 PM  
**To:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** IACUC Meeting Aug. 30, 11-1pm  
**Importance:** High

IACUC Members:

The Agenda for **8/30/19** is attached. The room is still to be determined, as soon as one is available you will be informed.

Confirmed Attendance thus far:

Steven Nicoll, Andreas Kottman, Harry Acosta and Gloria Callender.

Please **CONFIRM** your attendance if you have not done so already.

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- None

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, KH, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).
- 1062, RS, Adolescent Exposure to Abused Substances (Cat. E)
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- 1064, AR-C, Activity-Dependent Development of Auditory Neurons – Breeding (Cat.)
- 1065, AR-C, Activity-Dependent Development of Auditory Neurons – Experimental (Cat. D)
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Protocols to be assigned and reviewed via Designated Member Review (DMR):

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- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).

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- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
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- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)



Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
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- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

---

**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>

**Sent:** Tuesday, August 27, 2019 8:47 AM

**To:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com> <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: URGENT ADHOC IACUC Meeting

Will be there. Andreas

---

**From:** Steven Nicoll [<mailto:snicoll@ccny.cuny.edu>]

**Sent:** Monday, August 26, 2019 8:18 AM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com> <[REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** Re: URGENT ADHOC IACUC Meeting

Correction, the meeting is scheduled for Friday, Aug. 30 from 11-1.

Thanks,  
Steve

---

**From:** Steven Nicoll

**Sent:** Friday, August 23, 2019 7:05 PM

**To:** Tricia Mayhew-Noel; Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas; Mark Pezzano; Richard Belgrave; Steve Nicoll; Sulli Popilskis

**Cc:** Institutional Animal Care and Use Committee

**Subject:** Re: URGENT ADHOC IACUC Meeting

Dear IACUC Members,

The protocols for review on Thursday, Aug. 29th from 11-1 are attached. Karen Hubbard is now the PI for protocol 1061, replacing Robert Alfano. We've added 1063 Bioblitz from Kelly O'Donnell, three protocols from Adrian Rodriguez-Contreras (1064-1066) and a protocol from Ratna Sircar (1062). Protocols 1059 and 1060 (Goyert) will be reviewed via DMR by me as will the renewal for 1030 (Dmochowski). Many of these additional protocols would have been DMR but there wasn't sufficient time to send them to the committee in advance.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel

**Sent:** Wednesday, August 21, 2019 6:23 PM

**To:** Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis

**Cc:** Institutional Animal Care and Use Committee

**Subject:** URGENT ADHOC IACUC Meeting

Dear IACUC Members,

It is urgent that we schedule an IACUC Meeting as soon as possible.

Please see the link of the DOODLE Poll calendar to indicate your availability.

Please indicate your date of choice prior to **COB Tomorrow!**

The link to the poll can be found [here](#).

If you are unable to access the link please send me an email promptly.

Best Regards,  
Tricia

---

**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 1:40 PM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com); [REDACTED]@hotmail.com); Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com); Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com); Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

I am available in principle from next Tuesday onwards. Maybe best to do a doodle poll? Andreas

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:21 PM

**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com); [REDACTED]@hotmail.com); Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com); Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com); Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

I am available until Wednesday.  
Tricia

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**From:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:03 PM

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<[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave  
<[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>;  
Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar (I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1059. This number had been assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** IACUC Meeting August 14, 2019

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<Agenda 8-30-19.docx>

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 08/21/2019 11:49:36 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Steven Nicoll; Harry Acosta; Tricia Mayhew-Noel; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

I can make Thursday or Friday work. Just let me know. Thanks, Andreas

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**From:** Harry Acosta  
**Sent time:** 08/22/2019 01:51:39 PM  
**To:** Steven Nicoll; Tricia Mayhew-Noel  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

---

That works for me as well

Harry

---

**From:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>  
**Sent:** Thursday, August 22, 2019 1:25 PM  
**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** Re: IACUC Meeting August 14, 2019

I just responded - it looks like Friday will work. My preference is 11-1.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, August 22, 2019 1:18 PM  
**To:** Steven Nicoll  
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**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 08/21/2019 01:40:09 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

I am available in principle from next Tuesday onwards. Maybe best to do a doodle poll? Andreas

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 12:21 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
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I am available until Wednesday.  
Tricia

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Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
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**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann (<akottmann@med.cuny.edu> <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Tricia Mayhew-Noel  
**Sent time:** 08/21/2019 12:20:52 PM  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta; Andreas H. Kottmann (akottmann@med.cuny.edu)  
**To:** <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

---

I am available until Wednesday.

Tricia

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**Sent:** Wednesday, August 21, 2019 12:03 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
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**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 08/21/2019 11:51:43 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Steven Nicoll; Harry Acosta; Tricia Mayhew-Noel; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

I meant to say I am available Thursday or Friday (08/29 or 08/30). Thanks, Andreas

---

**From:** Andreas Kottmann  
**Sent:** Wednesday, August 21, 2019 11:50 PM  
**To:** 'Steven Nicoll' <snicoll@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting August 14, 2019

I can make Thursday or Friday work. Just let me know. Thanks, Andreas

---

**From:** Steven Nicoll <snicoll@ccny.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 6:39 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: IACUC Meeting August 14, 2019

I'm only available next Thursday and Friday (Aug 29-30). Kevin Ryan's protocol is 1057 and I have been in touch with him - I reviewed it via DMR and made requests for modifications. However, he is holding off on submitting the revised protocol (hence, it's not on the agenda).

Thanks,  
Steve

---

**From:** Harry Acosta  
**Sent:** Wednesday, August 21, 2019 12:03 PM  
**To:** Tricia Mayhew-Noel; Andreas H. Kottmann (<akottmann@med.cuny.edu>); Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Harry Acosta  
**Sent time:** 08/15/2019 11:04:20 AM  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas Kottmann <AKottmann@med.cuny.edu>; Steven Nicoll; Tricia Mayhew-  
**To:** Noel; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis  
<Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

---

Dr. Kottmann.

According to my records your breeding protocol 985. Expired on 11-10-19( see attached letter). I have looked into my emails and did not find any submission to re new this protocol. Any animals on this protocol have been placed on a holding protocol.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
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**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent:** Tuesday, August 13, 2019 2:49 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am on vacation with family in the Rockies and can't be at the meeting. But I can help with a DMR review in case that would be useful.

On another note: I filed a renewal some weeks (months?) back. I am unsure whether I received an official approval letter. Would you mind double-checking for me? (I believe my lab is current on all protocols.)

I am mentioning this because my recent NIH grant application scored 16<sup>th</sup> percentile. Payline is 15<sup>th</sup> percentile. My program director promised to try to push for us at the upcoming council meeting. On the slim possibility that we might sneak in, I don't want any last minute hiccup by not having a current IACUC protocol.

Cheers, Andreas

---

**From:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Sent:** Tuesday, August 13, 2019 7:50 AM  
**To:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

Steve

I don't have a problem with some of the DMRs, But I really think we should have meeting soon since we have not met in quite a while.

Harry

---

**From:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>

Obtained by Rise for Animals. Uploaded 07/08/2020

**Sent:** Monday, August 12, 2019 6:47 PM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** Re: IACUC Meeting August 14, 2019

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Additionally, I am attaching a Bioblitz protocol that can be reviewed via DMR assuming there are no objections. Kelly O'Donnell forgot to submit the electronic copy earlier this summer.

Please let me know your thoughts on the above protocols, and if I don't receive a response after 7 days, I will proceed with DMR assignments.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel

**Sent:** Wednesday, August 7, 2019 4:40 PM

**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)); Gloria Callender [REDACTED]@hotmail.com); Harry Acosta; Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis

**Cc:** Institutional Animal Care and Use Committee

**Subject:** IACUC Meeting August 14, 2019

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**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

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- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Harry Acosta  
**Sent time:** 08/21/2019 12:03:15 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019  
**Attachments:** sircar 2019 protocol.docx

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Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar ( I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1059. This number had been assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
City College of New York  
Director of Animal Care Facility  
P-212-650-8515  
F-212-6507545  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)*

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
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Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research

Shepard Hall Room 108B

160 Convent Ave

New York, NY 10031

1-212-650-7902 (phone)

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[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)

<http://www.ccny.cuny.edu/irb/> (website)

**From:** Harry Acosta  
**Sent time:** 08/13/2019 07:50:10 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Steven Nicoll; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

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Steve

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Harry

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**Sent:** Monday, August 12, 2019 6:47 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
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**Sent:** Wednesday, August 7, 2019 4:40 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Harry Acosta; Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
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[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)

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**From:** Harry Acosta  
**Sent time:** 08/08/2019 08:55:59 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Steven Nicoll; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

---

Steve

Based on the current response I don't think we will have a quorum. Maybe we should think about postponing the meeting a week?

In the meantime if there are no objections we can do the DMR protocols

Harry

---

**From:** Steven Nicoll <snicoll@ccny.cuny.edu>  
**Sent:** Thursday, August 8, 2019 8:39 AM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: IACUC Meeting August 14, 2019

I won't be in attendance so we need to make sure we have a quorum. As of now, Sulli and Harry are the only members who have confirmed that they can make the meeting. Tricia, Andreas, Kaliris and myself will not be available.

Thanks,  
Steve

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**From:** Harry Acosta  
**Sent:** Thursday, August 8, 2019 8:32 AM  
**To:** Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
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Harry

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City College of New York  
Division for Research  
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160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)



**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 08/13/2019 02:48:38 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta; Steven Nicoll; Tricia Mayhew-Noel; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

I am on vacation with family in the Rockies and can't be at the meeting. But I can help with a DMR review in case that would be useful.

On another note: I filed a renewal some weeks (months?) back. I am unsure whether I received an official approval letter. Would you mind double-checking for me? (I believe my lab is current on all protocols.)

I am mentioning this because my recent NIH grant application scored 16<sup>th</sup> percentile. Payline is 15<sup>th</sup> percentile. My program director promised to try to push for us at the upcoming council meeting. On the slim possibility that we might sneak in, I don't want any last minute hiccup by not having a current IACUC protocol.

Cheers, Andreas

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**From:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Sent:** Tuesday, August 13, 2019 7:50 AM  
**To:** Steven Nicoll <snicoll@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting August 14, 2019

Steve

I don't have a problem with some of the DMRs, But I really think we should have meeting soon since we have not met in quite a while.

Harry

---

**From:** Steven Nicoll <snicoll@ccny.cuny.edu>  
**Sent:** Monday, August 12, 2019 6:47 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas H. Kottmann (<akottmann@med.cuny.edu>) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
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Dr. Schaffler's protocol (1058) is the same as an existing protocol (1019) except that he is adding Botox injections into hindlimbs to examine the effects of disuse on osteocyte behavior (previously he used physical immobilization). It's a complex protocol but not much of a departure from their existing active protocol.

I wanted to discuss protocol 1061 (PI: Robert Alfano) because it was submitted by Lingyan Shi who previously worked with Dr. Alfano but has since left to take a faculty position at UCSD. Dr. Alfano doesn't list anyone under personnel (he only lists "TBD"), so clearly he won't be doing any of the animal work and has nobody trained to do so (he is only trained in spectroscopy methods). They are imaging mice received from MSKCC but there are some minor procedures to be performed. I can correspond with him and let him know that he needs to list trained personnel who will be doing the actual animal experiments before the protocol can be reviewed and approved. Lingyan previously did all of the animal studies.

Additionally, I am attaching a Bioblitz protocol that can be reviewed via DMR assuming there are no objections. Kelly O'Donnell forgot to submit the electronic copy earlier this summer.

Please let me know your thoughts on the above protocols, and if I don't receive a response after 7 days, I will proceed with DMR assignments.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel

**Sent:** Wednesday, August 7, 2019 4:40 PM

**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)); Gloria Callender [REDACTED]@hotmail.com); Harry Acosta; Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis

**Cc:** Institutional Animal Care and Use Committee

**Subject:** IACUC Meeting August 14, 2019

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Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
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Shepard Hall Room 108B  
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[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Harry Acosta  
**Sent time:** 08/08/2019 08:32:33 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

---

I will be Attending

Harry

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
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**Obtained by Rise for Animals. Uploaded 07/08/2020**

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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 08/21/2019 06:39:20 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
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**Subject:** Re: IACUC Meeting August 14, 2019

I'm only available next Thursday and Friday (Aug 29-30). Kevin Ryan's protocol is 1057 and I have been in touch with him - I reviewed it via DMR and made requests for modifications. However, he is holding off on submitting the revised protocol (hence, it's not on the agenda).

Thanks,  
Steve

---

**From:** Harry Acosta  
**Sent:** Wednesday, August 21, 2019 12:03 PM  
**To:** Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar (I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1059. This number had been assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
City College of New York  
Director of Animal Care Facility  
P-212-650-8515  
F-212-6507545  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)*

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
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**From:** Steven Nicoll  
**Sent time:** 08/12/2019 06:46:45 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting August 14, 2019  
**Attachments:** Initial Protocol Application Form 2017 Macaulay Honors College 2019 BioBlitz signed.pdf

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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 08/22/2019 01:25:29 PM  
**To:** Tricia Mayhew-Noel  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting August 14, 2019

---

I just responded - it looks like Friday will work. My preference is 11-1.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, August 22, 2019 1:18 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

Hi Steve can you respond on the poll, thanks.

The link to the poll can be found [here](#).

---

**From:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>  
**Sent:** Wednesday, August 21, 2019 6:39 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas H. Kottmann <[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)> <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
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Thanks,  
Steve

---

**From:** Harry Acosta  
**Sent:** Wednesday, August 21, 2019 12:03 PM  
**To:** Tricia Mayhew-Noel; Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)); Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar (I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1059. This number had been assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
City College of New York  
Director of Animal Care Facility*

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** IACUC Meeting August 14, 2019

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. [Please note that Read Receipts are being requested to document acknowledgment of DMR projects.](#)

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)

- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
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- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 08/08/2019 08:39:25 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta; Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting August 14, 2019

I won't be in attendance so we need to make sure we have a quorum. As of now, Sulli and Harry are the only members who have confirmed that they can make the meeting. Tricia, Andreas, Kaliris and myself will not be available.

Thanks,  
Steve

---

**From:** Harry Acosta  
**Sent:** Thursday, August 8, 2019 8:32 AM  
**To:** Tricia Mayhew-Noel; Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

I will be Attending

Harry

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** IACUC Meeting August 14, 2019

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. [Please note that Read Receipts are being requested to document acknowledgment of DMR projects.](#)

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

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- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
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**Obtained by Rise for Animals. Uploaded 07/08/2020**

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)



Protocols PENDING approval:

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- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
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- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
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[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Kaliris Salas  
**Sent time:** 08/07/2019 05:02:37 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Harry Acosta; Mark Pezzano [REDACTED]@gmail.com>;  
**Cc:** Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC Meeting August 14, 2019

---

Just in case, I am 38 wks pregnant and will be in and out these next two weeks... I won't be around until Nov.

-Kaliris

Kaliris Y. Salas-Ramirez, PhD  
Assistant Medical Professor  
Dept. of Cellular, Molecular and Biomedical Sciences

The Sophie Davis Program of Biomedical Sciences, CUNY School of Medicine  
Harris Hall Rm. 203  
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Office phone: 212-650-8255 (Harris Hall)  
Dept phone: 212-650-6994  
Fax: 212-650-7726

On Aug 7, 2019, at 5:01 PM, Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)> wrote:

I am on vacation and will not attend. Andreas

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** IACUC Meeting August 14, 2019

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- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

**Tricia Mayhew-Noel, MS**

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
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1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 08/07/2019 05:01:25 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

I am on vacation and will not attend. Andreas

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**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
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**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

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- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
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- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

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 City College of New York  
 Division for Research  
 Shepard Hall Room 108B  
 160 Convent Ave  
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 1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 10/03/2018 06:41:17 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting October 10, 2018

---

Will be there. Andreas

---

**From:** Tricia Mayhew-Noel [mailto:tmayhewnoel@ccny.cuny.edu]  
**Sent:** Wednesday, October 03, 2018 6:30 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** IACUC Meeting October 10, 2018

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **October 10th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the tentative agenda and protocols attached:

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR review.

Any objections to DMR Review will be brought to the committee for review.

**KINDLY CONFIRM YOUR ATTENDANCE.**

1. Review of Minutes from meeting – August 8, 2018

2. Protocols to be reviewed Full Committee:

- 1041, JY, Experimental Acute Myocardial Infarction in Mice (Cat. D)
- 981.2A1, RS, Adolescent Exposure to Abused Substances (Cat. E)
- 968.3, MP, Development and Maintenance of Thymic Epithelial Microenvironments (Cat. D)

3. Protocols to be assigned and reviewed Designated Member Review (DMR):

- 1040, JY, Stress-induced genes in Cardiac Cells (Cat C)
- 1030A1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D)
- 969.3, MP, Development and Maintenance of Thymic Epithelial Microenvironments (Breeding Protocol) (Cat. C)
- 1015.1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding) (Cat. B)
- 1016.1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Experimental) (Cat D)

4. Protocols previously approved via DMR:

- 989.1, DR, Water and macromolecular transport & accumulation in rat aorta: Aquaporin expression in aortic endothelial cells and sub-endothelial intima compression with pressure (Cat. D)
- 981.2, RS, Adolescent Exposure to Abused Substances (Cat. E)

- 1036, JT, The Role of Glypican-1 in Controlling Flow Mediated NO Production (Cat. C)
- 1038A1, JM, Maladaptive Corticospinal Tract Plasticity (Cat. D) (Contusion)
- 954.3A2, JM, Maladaptive Corticospinal Tract Plasticity (Cat. D)
- 1017A2, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding) (Cat. C)
- 1018A2, AC, Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Cat. C)

5. Protocols PENDING approval:

- 1039, OW, NSF CAREER: Understanding Memory from Brain Cells to Birdsong (Cat. C)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 ARC, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 09/18/2018 01:07:44 PM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC protocol submission  
**Attachments:** 1015 JY approval letter update July 13 2017.pdf 1016 JY approval letter update Aug 17 2017.pdf

---

Dear Dr. Yoshioka,

Please find the attached updated approval letters for protocols 1015 and 1016. Also, please resubmit the annual progress report for protocol 1016 using the appropriate form.

Best,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent:** Wednesday, September 12, 2018 3:36 PM  
**To:** Harry Acosta; Jun Yoshioka; Institutional Animal Care and Use Committee  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC protocol submission

Dear IACUC of CCNY:  
cc. Mr. Harry Accosta

Please find Four PDF files attached in this email:

1.  
Renewal Protocol Application #1015
2.  
Renewal Protocol Application #1016
3.  
New Submission : Cardiomyocyte Isolation from Rat/Mouse neonates
4.  
New Submission : Mouse Experimental Myocardial Infarction

I have elaborated the detail as much as I can. They are standard procedures in our filed. But, if you find any concerns, please let me know.

Also, upon approval, please provide me approval letters ASAP. I need to submit them to Research Foundation as well as my grant sponsors.

Thank you very much for your attention.

Best regards,

Jun

*Jun Yoshioka, MD, PhD*  
*Associate Medical Professor*  
*Dept. of Molecular, Cellular & Biomedical Sciences*  
*CUNY School of Medicine, City College of New York*  
*160 Convent Avenue, Harris Hall Room 205M, New York, NY 10031*  
*Phone: 212-650-7876*  
*Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

Date: July 13, 2017  
To: Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **1015**  
Title: **Heart Failure in Mouse Models of Diabetes Mellitus (Breeding)**  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 720  
**Project Expires on: 07/12/2020**  
Number of animals approved for this period (**2017-2018**): 180

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/12/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

Steven B. Nicoll, Ph.D.  
Chairperson

**Office of Research Compliance**

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

**Memorandum**

Date: August 17, 2017  
To: Jun Yoshioka, M.D., Ph.D., [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
From: Steven B. Nicoll, Ph.D., Chairperson  
CC: Harry Acosta, Director of the Animal Care Facility  
Re: Institutional Animal Care and Use Committee review of research  
Protocol No.: **1016**  
Title: **Heart Failure in Mouse Models of Diabetes Mellitus**  
Funding Source: NIH NHLBI, 1R01HL130861  
Species: Mouse  
Total number of animals approved for the three-year project (**2017-2020**): 780  
**Project Expires on: 08/17/2020**  
Number of animals approved for this period (**2017-2018**): 260

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 08/17/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 09/25/2018 04:37:58 PM  
**To:** Harry Acosta; Steven Nicoll; Jun Yoshioka <jyoshioka@med.cuny.edu>; Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC protocol submission  
**Attachments:** Renew-Application-Form-Yoshioka for mice DM 2018 v2.pdf 2017 IACUC-Protocol-Annual Review-JY Sep 2018 v1.pdf

---

Dear IACUC,

This email is to resubmit the annual progress report for protocol 1016 using the appropriate form.  
I have attached both the progress report form and the original application form.

Please let me know if there is any concerns.

Thank you.

Best regards,

Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

---

**From:** Harry Acosta [mailto:[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)]  
**Sent:** Tuesday, September 18, 2018 1:29 PM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>  
**Subject:** RE: IACUC protocol submission

Dr. Yoshioka

Please find the form attached.

Respectfully

Harry Acosta, LVT, ILAM , LATg  
Director of Animal Care Facility  
212-650-8515 – Phone  
212-650-7545- Fax

---

**From:** Steven Nicoll [mailto:[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)]  
**Sent:** Tuesday, September 18, 2018 1:08 PM  
**To:** Jun Yoshioka <[jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** Re: IACUC protocol submission

Dear Dr. Yoshioka,

Please find the attached updated approval letters for protocols 1015 and 1016. Also, please resubmit the annual progress report for protocol 1016 using the appropriate form.

Best,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Jun Yoshioka <[jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)>  
**Sent:** Wednesday, September 12, 2018 3:36 PM  
**To:** Harry Acosta; Jun Yoshioka; Institutional Animal Care and Use Committee  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** IACUC protocol submission

Dear IACUC of CCNY:  
cc. Mr. Harry Accosta

Please find Four PDF files attached in this email:

1.  
Renewal Protocol Application #1015
2.  
Renewal Protocol Application #1016
3.  
New Submission : Cardiomyocyte Isolation from Rat/Mouse neonates
4.  
New Submission : Mouse Experimental Myocardial Infarction

I have elaborated the detail as much as I can. They are standard procedures in our filed. But, if you find any concerns, please let me know.

Also, upon approval, please provide me approval letters ASAP. I need to submit them to Research Foundation as well as my grant sponsors.

Thank you very much for your attention.

Best regards,

Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Dept. of Molecular, Cellular & Biomedical Sciences  
CUNY School of Medicine, City College of New York  
160 Convent Avenue, Harris Hall Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

**From:** Steven Nicoll  
**Sent time:** 06/17/2019 01:20:14 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: IACUC protocols 1017 and 1018 - Remove Personnel

---

I approve the amendment to protocols 1017.1 and 1018.1

Thanks,

Steve

---

**From:** Alessandra Carriero  
**Sent:** Tuesday, June 11, 2019 8:29 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Steven Nicoll  
**Subject:** IACUC protocols 1017 and 1018 - Remove Personnel

Dear IACUC Committee,

I would like to remove Niovi Dollas for my protocols 1017 and 1018. She is no working anymore in my lab. Changes are presented in the memorandum and highlighted in the attached protocols.

Thank you very much,

Alessandra

Dr. Alessandra Carriero  
The City College of New York  
Department of Biomedical Engineering  
212-650-7591

**From:** Tricia Mayhew-Noel  
**Sent time:** 09/06/2018 12:40:43 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC protocols 1017-1018 - Add personal

Will Dr. Yakar perform experiments at the Vivarium? Then we need a Researcher Agreement if there is no affiliation with CCNY and training must be done here, in addition to submitting the CITI certificate. If Dr. Yakar will not be doing experiments at CCNY, then the CITI certificate will suffice.

Hope this helps,  
Best,  
Tricia

---

**From:** Steven Nicoll  
**Sent:** Thursday, September 6, 2018 11:17 AM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: IACUC protocols 1017-1018 - Add personal

This was not approved yet. She's adding someone from NYU, Dr. Yakar. I need to know the policy regarding personnel trained elsewhere. Does she (Dr. Yakar) need to be trained by Harry or is CITI and NYU training satisfactory?

---

**From:** Institutional Animal Care and Use Committee  
**Sent:** Thursday, September 6, 2018 11:13 AM  
**To:** Steven Nicoll  
**Subject:** FW: IACUC protocols 1017-1018 - Add personal

Hi Steve,  
Was this amendment completed?

Thanks  
Tricia

**From:** Alessandra Carriero [REDACTED] <[REDACTED]@gmail.com>  
**Sent:** Thursday, August 16, 2018 10:15 PM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Steven Nicoll <snicoll@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Subject:** IACUC protocols 1017-1018 - Add personal

Dear IACUC Committee,

please consider the changes I would like to make to my protocols 1017 and 1018:

- Add one personnel
- Change date for genotyping

I am attaching here the memorandum and the modified protocols with changes highlighted in yellow.

Thank you very much,

Alessandra

**From:** Steven Nicoll  
**Sent time:** 10/17/2018 01:53:34 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: IACUC protocols 1017-1018 - Add personal

---

I have reviewed and approve the amendments to protocols 1017 and 1018.

Thanks,

Steve

---

**From:** Alessandra Carriero [REDACTED]@gmail.com>  
**Sent:** Thursday, August 16, 2018 10:14 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** IACUC protocols 1017-1018 - Add personal

Dear IACUC Committee,

please consider the changes I would like to make to my protocols 1017 and 1018:

- Add one personnel
- Change date for genotyping

I am attaching here the memorandum and the modified protocols with changes highlighted in yellow.

Thank you very much,

Alessandra

**From:** Steven Nicoll  
**Sent time:** 09/06/2018 04:04:37 PM  
**To:** Alessandra Carriero [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: IACUC protocols 1017-1018 - Add personal

---

Hi Alessandra,

Can you clarify Dr. Yakar's role in this project? Will she be performing any animal experiments in the CCNY vivarium?

Thanks,

Steve

---

**From:** Alessandra Carriero [REDACTED]@gmail.com>  
**Sent:** Thursday, August 16, 2018 10:14 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** IACUC protocols 1017-1018 - Add personal

Dear IACUC Committee,

please consider the changes I would like to make to my protocols 1017 and 1018:

- Add one personnel
- Change date for genotyping

I am attaching here the memorandum and the modified protocols with changes highlighted in yellow.

Thank you very much,

Alessandra

**From:** Steven Nicoll  
**Sent time:** 09/06/2018 11:17:21 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Re: IACUC protocols 1017-1018 - Add personal

---

This was not approved yet. She's adding someone from NYU, Dr. Yakar. I need to know the policy regarding personnel trained elsewhere. Does she (Dr. Yakar) need to be trained by Harry or is CITI and NYU training satisfactory?

---

**From:** Institutional Animal Care and Use Committee  
**Sent:** Thursday, September 6, 2018 11:13 AM  
**To:** Steven Nicoll  
**Subject:** FW: IACUC protocols 1017-1018 - Add personal

Hi Steve,  
Was this amendment completed?

Thanks  
Tricia

**From:** Alessandra Carriero [REDACTED]@gmail.com>  
**Sent:** Thursday, August 16, 2018 10:15 PM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Steven Nicoll <snicoll@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Subject:** IACUC protocols 1017-1018 - Add personal

Dear IACUC Committee,

please consider the changes I would like to make to my protocols 1017 and 1018:

- Add one personnel
- Change date for genotyping

I am attaching here the memorandum and the modified protocols with changes highlighted in yellow.

Thank you very much,

Alessandra

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 03/11/2019 12:28:17 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Steven Nicoll; Harry Acosta; Sulli Popilskis <Sulli.Popilskis@asrc.cuny.edu>; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Steve Nicoll [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Subject:** RE: March 2019 IACUC DMR

---

No objections, Andreas

---

**From:** Tricia Mayhew-Noel [mailto:tmayhewnoel@ccny.cuny.edu]  
**Sent:** Monday, March 11, 2019 12:20 PM  
**To:** Steven Nicoll <snicoll@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Sulli Popilskis <Sulli.Popilskis@asrc.cuny.edu>; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Steve Nicoll [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** March 2019 IACUC DMR

Dear Committee,

There will not be a Full Committee IACUC meeting this week, instead new study submission for study RA, 1053 has been assigned to Harry Acosta for DMR and study 1054, JT has been assigned to Steve Nicoll for DMR as well.

Any objections to DMR Studies must be received by COB Friday, March 15, 2019, where the study will be brought to the full committee for review as per policy.

Please kindly let me know If there are any objections.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 04/03/2019 03:09:57 PM  
**To:** Tricia Mayhew-Noel  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: March 2019 IACUC DMR

---

I have reviewed and approve protocol 1054 (JT).

Thanks,

Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Monday, March 11, 2019 12:20 PM  
**To:** Steven Nicoll; Harry Acosta; Sulli Popilskis; Popilskis, Sulli; Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com); Harry Acosta; Kaliris Salas; Mark Pezzano; Steve Nicoll; Institutional Animal Care and Use Committee  
**Subject:** March 2019 IACUC DMR

Dear Committee,

There will not be a Full Committee IACUC meeting this week, instead new study submission for study RA, 1053 has been assigned to Harry Acosta for DMR and study 1054, JT has been assigned to Steve Nicoll for DMR as well.

Any objections to DMR Studies must be received by COB Friday, March 15, 2019, where the study will be brought to the full committee for review as per policy.

Please kindly let me know If there are any objections.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Kaliris Salas  
**Sent time:** 03/11/2019 12:23:04 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com; Tricia Mayhew-Noel; Steven Nicoll; Harry Acosta; Sulli Popilskis <Sulli.Popilskis@asrc.cuny.edu>; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Harry Acosta; Mark Pezzano [REDACTED]@gmail.com; Steve Nicoll [REDACTED]@gmail.com; Institutional Animal Care and Use Committee  
**Subject:** Re: March 2019 IACUC DMR

---

Sounds good.

**Kaliris Y. Salas-Ramirez, PhD**  
**Assistant Medical Professor**

*Department of Molecular, Cellular and Biomedical Sciences  
The Sophie Davis Program of Biomedical Sciences,  
CUNY School of Medicine  
160 Convent Ave.  
New York, NY 10031*

*Office: Harris Hall 203E  
Office phone: 212-650-8255  
Department Phone: 212-650-6994  
Marshak Science Building, J-116  
Lab phone: 212-650-7758*

---

**From:** Tricia Mayhew-Noel  
**Sent:** Monday, March 11, 2019 12:20 PM  
**To:** Steven Nicoll; Harry Acosta; Sulli Popilskis; Popilskis, Sulli; Andreas H. Kottmann (akottmann@med.cuny.edu); Gloria Callender [REDACTED]@hotmail.com; Harry Acosta; Kaliris Salas; Mark Pezzano; Steve Nicoll; Institutional Animal Care and Use Committee  
**Subject:** March 2019 IACUC DMR

Dear Committee,

There will not be a Full Committee IACUC meeting this week, instead new study submission for study RA, 1053 has been assigned to Harry Acosta for DMR and study 1054, JT has been assigned to Steve Nicoll for DMR as well.

Any objections to DMR Studies must be received by COB Friday, March 15, 2019, where the study will be brought to the full committee for review as per policy.

Please kindly let me know If there are any objections.

Best,  
Tricia

**Tricia Mayhew-Noel, MS**

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Institutional Animal Care and Use Committee  
**Sent time:** 10/10/2018 03:53:25 PM  
**To:** Shireen Saleque; Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** RE: New protocol submission

---

Dear Shireen,  
Please refer to the link for the most recent IACUC Application  
<https://www.ccny.cuny.edu/sites/default/files/Initial%20Protocol%20Application%20Form%20%202017.docx>

Or here, <https://www.ccny.cuny.edu/research/iacucforms>

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

---

**From:** Shireen Saleque  
**Sent:** Wednesday, October 10, 2018 1:56 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** New protocol submission

Hi Harry,  
I realized belatedly that my protocol expired in September and I need to submit a new one ASAP. Could you please let me know if the attached form is still good for doing so or if there is a new one now. I could not find a new protocol form online so please send it to me if it is different from this one. Thanks,  
Shireen.

**From:** Steven Nicoll  
**Sent time:** 01/17/2019 06:00:38 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol  
**Attachments:** Saleque%20Animal%20Protocol%202018-19.docx

---

I have reviewed and approve the attached revised protocol 1052 from Dr. Saleque.

Thanks,

Steve

---

**From:** Shireen Saleque  
**Sent:** Thursday, January 17, 2019 5:36 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

Hi Steve,  
attached please find my protocol with the corrections and rewrites you requested. I hope item 1.A is now acceptable.  
Thanks,  
Shireen.

---

**From:** Steven Nicoll  
**Sent:** Thursday, January 17, 2019 1:32 AM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

Hi Shireen,

A few comments:

- Please update the total number of animals for the 3-yr project to 630 on the cover page.
- P.11, item 1.A, the non-technical objectives section still needs to be shortened and described using less technical terminology. The edits you made are not obvious to me.

Thanks,

Steve

---

**From:** Shireen Saleque  
**Sent:** Friday, January 11, 2019 3:38 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

Dear Prof. Nicoll,  
I have addressed all of the points you raised in your review in the attached and updated protocol.  
Wrt to item #3, I have shortened the non-technical objectives as much as possible and also omitted or minimized technical terminology. I hope the alterations are satisfactory. Thank you for your thorough and considerate review and I hope this version of the protocol will be acceptable to you and the committee. Thank you and have a great weekend.  
Shireen.

---

**From:** Steven Nicoll  
**Sent:** Monday, January 7, 2019 8:55 AM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** New Protocol

Dear Dr. Saleque,

I have a few questions regarding your new protocol that require your attention.

1. P. 8, Table 3 - Are survival surgeries included in this protocol? If not, the section should be left blank.
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Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Shireen Saleque  
**Sent time:** 01/17/2019 05:36:17 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol  
**Attachments:** Saleque Animal Protocol 2018-19.docx

---

Hi Steve,  
attached please find my protocol with the corrections and rewrites you requested. I hope item 1.A is now acceptable.  
Thanks,  
Shireen.

---

**From:** Steven Nicoll  
**Sent:** Thursday, January 17, 2019 1:32 AM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

Hi Shireen,

A few comments:

- Please update the total number of animals for the 3-yr project to 630 on the cover page.
- P.11, item 1.A, the non-technical objectives section still needs to be shortened and described using less technical terminology. The edits you made are not obvious to me.

Thanks,

Steve

---

**From:** Shireen Saleque  
**Sent:** Friday, January 11, 2019 3:38 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

Dear Prof. Nicoll,  
I have addressed all of the points you raised in your review in the attached and updated protocol.  
Wrt to item #3, I have shortened the non-technical objectives as much as possible and also omitted or minimized technical terminology. I hope the alterations are satisfactory. Thank you for your thorough and considerate review and I hope this version of the protocol will be acceptable to you and the committee. Thank you and have a great weekend.  
Shireen.

---

**From:** Steven Nicoll  
**Sent:** Monday, January 7, 2019 8:55 AM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** New Protocol

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Shireen Saleque  
**Sent time:** 01/17/2019 12:43:22 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

---

Hi Steve,

ok. I'm sorry I misunderstood your previous request likely because of the discrepancy in the page number and shortened 1B instead on 1A. I will do so now and send it back ASAP. Thanks,  
Shireen.

---

**From:** Steven Nicoll  
**Sent:** Thursday, January 17, 2019 1:32 AM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

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**Sent:** Monday, January 7, 2019 8:55 AM  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Shireen Saleque  
**Sent time:** 01/11/2019 03:38:55 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol  
**Attachments:** Saleque Animal Protocol 2018-19.docx

---

Dear Prof. Nicoll,

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**From:** Steven Nicoll  
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**To:** Shireen Saleque  
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**From:** Steven Nicoll  
**Sent time:** 01/17/2019 01:32:32 AM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

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Hi Shireen,

A few comments:

- Please update the total number of animals for the 3-yr project to 630 on the cover page.
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Thanks,

Steve

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Shireen Saleque  
**Sent time:** 01/07/2019 03:34:31 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: New Protocol

---

Dear Prof. Nicoll,  
thank you for pointing out the omissions and inconsistencies in my animal protocol application. I will send you an updated application addressing your concerns shortly. Thank you,  
Shireen Saleque.

---

**From:** Steven Nicoll  
**Sent:** Monday, January 7, 2019 8:55 AM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** New Protocol

Dear Dr. Saleque,

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 11/29/2018 05:23:37 PM  
**To:** Tricia Mayhew-Noel  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** Re: Oviedo 2018 protocol amendment  
**Attachments:** 951.1%20HO%20approval%20thru%2012-9-2016.pdf

---

Hi Tricia,

I'm looking closer at Hysell's protocol and I'm not sure it's active. I've attached the most recent letter that I found which would suggest that it expired in Sept. 2017. I don't have a record of it being renewed afterwards at CCNY. She inquired and I want to know how to respond (if it's active at ASRC, I can have it reviewed there). I mistakenly thought it was a different protocol that she had at both places to cover her bases.

Thanks,

Steve

---

**From:** Institutional Animal Care and Use Committee  
**Sent:** Wednesday, November 7, 2018 1:55 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta  
**Subject:** RE: Oviedo 2018 protocol amendment

Steve,

Hysell is submitting the amendment to study 951, however the last time we reviewed the progress report for this study was 2-1-16. There appears to be a transfer protocol in place to the ASRC, however, I'm not certain if we should be reviewing at CCNY or at ASRC.

Please advise.

Thanks.

Tricia

---

**From:** Hysell Oviedo  
**Sent:** Wednesday, October 31, 2018 10:48 AM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Oviedo 2018 protocol amendment

Please find attached my CCNY protocol (#951) with two amendments highlighted in yellow.

In page 11 an extension to an approved procedure is described, and I have an updated list of lab members with approval to work in this project.

Thank you

Hysell V. Oviedo  
Assistant Professor  
The City College of New York  
New York, NY 10031  
[hoviedo@ccny.cuny.edu](mailto:hoviedo@ccny.cuny.edu)  
212-650-8540



Steven B. Nicoll, Ph.D.  
Chairperson

**Office of Research Compliance**

Shepard Hall, 108A  
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New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**  
**Memorandum**

**Date:** February 1, 2016  
**To:** Hysell Oviedo, [hoviedo@ccny.cuny.edu](mailto:hoviedo@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No. **951.1**  
Title: **Functional microcircuitry**  
Funding Source: The Whitehall Foundation  
Species: **Mouse**  
Total Number of Animals approved for the three year project **(2014 – 2017): 516**  
**Project Expires on: 09/08/2017**  
Number of Animals Approved for this period **(2016 - 2017):182**

The IACUC has reviewed the above referenced protocol and recommended approval. However, before animals are ordered, please check with the animal care supervisor prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **This Renewal will expire on 12/09/2016\***. You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Tricia Mayhew-Noel  
**Sent time:** 10/03/2018 05:04:35 PM  
**To:** Steven Nicoll [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Subject:** RE: Pezzano Protocols

---

OK, and yes to Adrian's as well

**From:** Steven Nicoll [REDACTED]@gmail.com>  
**Sent:** Wednesday, October 3, 2018 4:59 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Fwd: Pezzano Protocols

Hi Tricia,

Mark's breeding protocol should be assigned DMR for the October meeting and his regular protocol should be FCR.

Thanks,

Steve

----- Forwarded message -----

**From:** Mark Pezzano [REDACTED]@gmail.com>  
**Date:** Wed, Aug 15, 2018 at 6:06 PM  
**Subject:** Re: Pezzano Protocols  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>, steve Nicoll [REDACTED]@gmail.com>

Dear Steve and Tricia

Attached are my breeding and research protocols. I also attached a separate table that justifies the number of animals used in the research protocol. As described in the protocol the yellow highlighted areas justify the year 1 use. Sorry for the delay but I have been [REDACTED]

Best

Mark

POL 87(2)(b)  
& 89(2)(b)(v)

**From:** Tricia Mayhew-Noel  
**Sent time:** 10/03/2018 05:16:46 PM  
**To:** Steven Nicoll; Steven Nicoll [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Subject:** RE: Pezzano Protocols

---

ok

---

**From:** Steven Nicoll  
**Sent:** Wednesday, October 3, 2018 5:15 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Steven Nicoll [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: Pezzano Protocols

Hi Tricia,

Also, please add the attached renewals for JY (1015 and 1016) as DMR for the October agenda. They were not previously reviewed - I just issued updated approval letters to clarify issues with RF payments etc.

Thanks,

Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Wednesday, October 3, 2018 5:04 PM  
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Mark

POL 87(2)(b)  
& 89(2)(b)(v)

**From:** Steven Nicoll  
**Sent time:** 10/03/2018 05:15:08 PM  
**To:** Tricia Mayhew-Noel; Steven Nicoll [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Subject:** Re: Pezzano Protocols  
**Attachments:** 1016 IACUC-Protocol-Annual Review-JY Sep 2018 v1.pdf 1015 Renewal Yoshioka 2018.pdf

---

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Thanks,

Steve

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**From:** Tricia Mayhew-Noel  
**Sent:** Wednesday, October 3, 2018 5:04 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Subject:** RE: Pezzano Protocols

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**Sent:** Wednesday, October 3, 2018 4:59 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
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POL 87(2)(b)  
& 89(2)(b)(v)

**From:** Susannah Fritton  
**Sent time:** 07/16/2019 04:58:02 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** RE: Protocol 949.5  
**Attachments:** Fritton IACUC protocol 949.5 2019 signed sheet.pdf

---

Thanks, Steve. [Here is the signed memo](#) –

Susannah

-----  
Susannah P. Fritton, Ph.D.  
Professor  
Department of Biomedical Engineering  
Steinman Hall Room 403E  
The City College of New York  
160 Convent Avenue  
New York, NY 10031  
212.650.5213 | 212.650.6727 fax  
[fritton@ccny.cuny.edu](mailto:fritton@ccny.cuny.edu)

---

**From:** Steven Nicoll  
**Sent:** Wednesday, July 3, 2019 12:35 PM  
**To:** Susannah Fritton <[fritton@ccny.cuny.edu](mailto:fritton@ccny.cuny.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Subject:** Protocol 949.5

Dear Dr. Fritton,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
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Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE  
**Memorandum**

**Date:** June 28, 2019  
**To:** Susannah Fritton, Ph.D., [fritton@ccny.cuny.edu](mailto:fritton@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **949.5**  
Title: **Effects of Reduced Mechanical Loading on Bone Microarchitecture and Osteocyte Mechanotransduction**  
Funding Source: NSF ENG/CMMI/BMMB 1400247  
Species: Rat  
Total number of animals approved for the three-year project (2017-2020): 156  
**Project Expires on: 05/10/2020**  
Number of animals approved for this period (2019-2020): 52

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **A Full Application is due on 05/10/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

*S. Fritton*

Date

7/8/19

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Ratna <rsircar.ccny.cuny@gmail.com>  
**Sent time:** 10/17/2018 11:30:39 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: Protocol 981

---

Dear Dr. Nicoll,

Thank you for renewing our IACUC protocol #981.

Regards

Ratna

Ratna Sircar, PhD  
Professor of Psychology  
CUNY-Graduate Center  
Director, Neuropsychopharmacology Laboratory  
Department of Psychology  
NAC 7/120  
The City College of New York, CUNY  
160 Convent Avenue  
New York, NY 10031  
phone: (212) 650-8134  
fax: (212) 650-5659  
email: [rsircar@ccny.cuny.edu](mailto:rsircar@ccny.cuny.edu)

On Tue, Oct 16, 2018 at 11:36 PM Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Dear Dr. Sircar,

Please find the attached IACUC letter regarding its review of the amended subject protocol.

Best,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 10/26/2018 04:57:16 PM  
**To:** Steven Nicoll; Jun Yoshioka; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Subject:** RE: Protocol 1016.1  
**Attachments:** 2017 IACUC-Protocol-Annual Review-JY Oct 2018 v2.docx

---

Dear Dr. Nicoll,  
Please find the revised version of the protocol 1016.1. I added the question 4 and updated the literature search.  
Thank you very much.  
Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

---

**From:** Steven Nicoll [mailto:[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)]  
**Sent:** Thursday, October 25, 2018 1:50 PM  
**To:** Jun Yoshioka <jyoshioka@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Subject:** Re: Protocol 1016.1

Dear Dr. Yoshioka,

Please answer question 4 in the progress report - "4. Describe how the animals reacted to the procedures, were there any adverse events that affected animal use, welfare, morbidity or mortality." Also, your literature search needs to be updated to October 2018. Most of your searches were conducted in May 2017.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Jun Yoshioka  
**Sent:** Monday, October 22, 2018 5:28 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee; [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1016.1

Dear Dr. Nicoll and IACUC,

Thank you for reviewing our renewal proposal of Protocol 1016. As advised, I have revised the form. I have added explanations regarding how the animals are used and the outcome measures.

I also added one more personnel, a new post-doc in my lab who has just finished the animal training at Marshak. Please let me know if you need any other info.

Best regards,

Jun Yoshioka

---

**From:** Steven Nicoll

**Sent:** Wednesday, October 17, 2018 12:15 PM

**To:** Jun Yoshioka

**Cc:** Tricia Mayhew-Noel; Harry Acosta

**Subject:** Protocol 1016.1

Dear Dr. Yoshioka,

Please explain in the attached renewal how adding the model of Type 1 Diabetes Mellitus in mice changes the current protocol with respect to how the animals are used and the various outcome measures.

Thanks,

Steve

Steven B. Nicoll, Ph.D.

IACUC Chairperson

Associate Professor

Department of Biomedical Engineering

Grove School of Engineering

The City College of New York

Steinman Hall, Room 431

160 Convent Avenue

New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 10/29/2018 12:01:24 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1016.1  
**Attachments:** 2017%20IACUC-Protocol-Annual%20Review-JY%20Oct%202018%20v2.docx

---

I have reviewed and approve the revised renewal of protocol 1016.1.

Thanks,

Steve

---

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent:** Friday, October 26, 2018 4:57 PM  
**To:** Steven Nicoll; Jun Yoshioka; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Jun Yoshioka  
**Subject:** RE: Protocol 1016.1

Dear Dr. Nicoll,  
Please find the revised version of the protocol 1016.1. I added the question 4 and updated the literature search.  
Thank you very much.  
Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

---

**From:** Steven Nicoll [mailto:[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)]  
**Sent:** Thursday, October 25, 2018 1:50 PM  
**To:** Jun Yoshioka <jyoshioka@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Subject:** Re: Protocol 1016.1

Dear Dr. Yoshioka,

Please answer question 4 in the progress report - "4. Describe how the animals reacted to the procedures, were there any adverse events that affected animal use, welfare, morbidity or mortality." Also, your literature search needs to be updated to October 2018. Most of your searches were conducted in May 2017.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Jun Yoshioka  
**Sent:** Monday, October 22, 2018 5:28 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee; [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1016.1

Dear Dr. Nicoll and IACUC,

Thank you for reviewing our renewal proposal of Protocol 1016. As advised, I have revised the form. I have added explanations regarding how the animals are used and the outcome measures.

I also added one more personnel, a new post-doc in my lab who has just finished the animal training at Marshak. Please let me know if you need any other info.

Best regards,

Jun Yoshioka

---

**From:** Steven Nicoll  
**Sent:** Wednesday, October 17, 2018 12:15 PM  
**To:** Jun Yoshioka  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1016.1

Dear Dr. Yoshioka,

Please explain in the attached renewal how adding the model of Type 1 Diabetes Mellitus in mice changes the current protocol with respect to how the animals are used and the various outcome measures.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Jun Yoshioka  
**Sent time:** 10/22/2018 05:28:21 PM  
**To:** jyoshioka@med.cuny.edu; Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1016.1  
**Attachments:** 2017 IACUC-Protocol-Annual Review-JY Oct 2018.pdf

---

Dear Dr. Nicoll and IACUC,

Thank you for reviewing our renewal proposal of Protocol 1016. As advised, I have revised the form. I have added explanations regarding how the animals are used and the outcome measures.

I also added one more personnel, a new post-doc in my lab who has just finished the animal training at Marshak. Please let me know if you need any other info.

Best regards,

Jun Yoshioka

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**Sent:** Wednesday, October 17, 2018 12:15 PM  
**To:** Jun Yoshioka  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1016.1

Dear Dr. Yoshioka,

Please explain in the attached renewal how adding the model of Type 1 Diabetes Mellitus in mice changes the current protocol with respect to how the animals are used and the various outcome measures.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
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Grove School of Engineering  
The City College of New York  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 10/25/2018 01:49:55 PM  
**To:** jyoshioka@med.cuny.edu; Jun Yoshioka; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1016.1

---

Dear Dr. Yoshioka,

Please answer question 4 in the progress report - "4. Describe how the animals reacted to the procedures, were there any adverse events that affected animal use, welfare, morbidity or mortality." Also, your literature search needs to be updated to October 2018. Most of your searches were conducted in May 2017.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Jun Yoshioka  
**Sent:** Monday, October 22, 2018 5:28 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee; jyoshioka@med.cuny.edu  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1016.1

Dear Dr. Nicoll and IACUC,

Thank you for reviewing our renewal proposal of Protocol 1016. As advised, I have revised the form. I have added explanations regarding how the animals are used and the outcome measures. I also added one more personnel, a new post-doc in my lab who has just finished the animal training at Marshak. Please let me know if you need any other info.  
Best regards,

Jun Yoshioka

---

**From:** Steven Nicoll  
**Sent:** Wednesday, October 17, 2018 12:15 PM  
**To:** Jun Yoshioka  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1016.1

Dear Dr. Yoshioka,

Please explain in the attached renewal how adding the model of Type 1 Diabetes Mellitus in mice changes the current protocol with respect to how the animals are used and the various outcome measures.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Jacek Dmochowski  
**Sent time:** 08/07/2019 02:14:52 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Tricia Mayhew-Noel; Harry Acosta; D. Nguyen  
[REDACTED]@gmail.com>  
**Subject:** Re: Protocol 1030.A3  
**Attachments:** IACUC Protocol Renewal\_Progress Report - 1030 AC (Active).pdf ATT00001.htm

---

Hi Steve,

Here is our completed annual progress report.

Thanks,

Jacek

~~~~~  
 Jacek Dmochowski, Ph. D.  
 Assistant Professor  
 Department of Biomedical Engineering  
 The City College of the City University of New York  
 160 Convent Avenue  
 Steinman Hall, 460  
 New York, NY 10031  
 (212) 650-8626 (O)  
[jdmochoowski@ccny.cuny.edu](mailto:jdmochoowski@ccny.cuny.edu)  
<http://www.jd-lab.org>  
 ~~~~~

On Aug 5, 2019, at 1:35 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Jacek,

The most current form is attached.

Thanks,  
 Steve

Steven B. Nicoll, Ph.D.  
 IACUC Chair  
 Associate Professor  
 Department of Biomedical Engineering  
 Grove School of Engineering  
 The City College of New York  
 Steinman Hall, Room 431  
 160 Convent Avenue  
 New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
 Fax: [212-650-6727](tel:212-650-6727)

---

**From:** Jacek Dmochowski  
**Sent:** Monday, August 5, 2019 12:52 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1030.A3

Hi Steve,  
 Do you or someone on the IACUC committee have a template or format for the progress report?  
 Thanks,  
 Jacek

~~~~~  
 Jacek Dmochowski, Ph. D.  
 Assistant Professor  
 Department of Biomedical Engineering  
 The City College of the City University of New York  
 160 Convent Avenue  
 Steinman Hall, 460  
 New York, NY 10031  
 (212) 650-8626 (O)  
[jdmochoowski@ccny.cuny.edu](mailto:jdmochoowski@ccny.cuny.edu)  
<http://www.jd-lab.org>  
 ~~~~~

On Jul 28, 2019, at 10:01 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

ATT00001.htm

Dear Dr. Dmochowski,

Please find the attached IACUC letter regarding its review of the subject protocol. Also, please be advised that your annual progress report is overdue.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

<1030.A3 JD approval letter July 26 2019.pdf>

<2017 IACUC-Protocol-Renewal-Form-2.docx>

**From:** Steven Nicoll  
**Sent time:** 08/05/2019 01:35:25 PM  
**To:** Jacek Dmochowski  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1030.A3  
**Attachments:** 2017 IACUC-Protocol-Renewal-Form-2.docx

---

Hi Jacek,

The most current form is attached.

Thanks,  
Steve

Steven B. Nicoll, Ph.D.  
IACUC Chair  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

---

**From:** Jacek Dmochowski  
**Sent:** Monday, August 5, 2019 12:52 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1030.A3

Hi Steve,  
Do you or someone on the IACUC committee have a template or format for the progress report?  
Thanks,  
Jacek

~~~~~  
Jacek Dmochowski, Ph. D.  
Assistant Professor  
Department of Biomedical Engineering  
The City College of the City University of New York  
160 Convent Avenue  
Steinman Hall, 460  
New York, NY 10031  
(212) 650-8626 (O)  
[jdmochowski@ccny.cuny.edu](mailto:jdmochowski@ccny.cuny.edu)  
<http://www.jd-lab.org>  
~~~~~

On Jul 28, 2019, at 10:01 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Dear Dr. Dmochowski,

Please find the attached IACUC letter regarding its review of the subject protocol. Also, please be advised that your annual progress report is overdue.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

<1030.A3 JD approval letter July 26 2019.pdf>

**From:** Jacek Dmochowski  
**Sent time:** 08/05/2019 12:52:32 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1030.A3

---

Hi Steve,

Do you or someone on the IACUC committee have a template or format for the progress report?

Thanks,

Jacek

~~~~~  
Jacek Dmochowski, Ph. D.  
Assistant Professor  
Department of Biomedical Engineering  
The City College of the City University of New York  
160 Convent Avenue  
Steinman Hall, 460  
New York, NY 10031  
(212) 650-8626 (O)  
[jdmochowski@ccny.cuny.edu](mailto:jdmochowski@ccny.cuny.edu)  
<http://www.jd-lab.org>  
~~~~~

On Jul 28, 2019, at 10:01 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Dear Dr. Dmochowski,

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Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

<1030.A3 JD approval letter July 26 2019.pdf>

**From:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Sent time:** 10/17/2018 12:40:52 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Subject:** RE: Protocol 1039

---

Steve,

Please ask Dr. Whitney to reconcile the animal numbers. He requested 99 birds but the experimental groups in the tables don't support that number ( 56+36). The lower table also needs some reconciling ( 6 groups with 7 birds in each. He has 36 :)). He has also checked all the boxes ( #11) to justify the number of animals.

Thank you  
Sulli

---

**From:** Steven Nicoll <snicoll@ccny.cuny.edu>  
**Sent:** Monday, October 15, 2018 10:08 PM  
**To:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Fw: Protocol 1039

Hi Sulli,

You are the DMR for this protocol. Please review at your earliest convenience.

Thanks,

Steve

---

**From:** Osceola Whitney  
**Sent:** Thursday, October 11, 2018 4:33 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Re: Protocol 1039

Please see the changes to protocol 1039 (yellow highlights) in response to your comments. Thanks.

Best,

Osceola

-----  
*Osceola Whitney, PhD  
Assistant Professor, Biology  
The City College of New York  
Center for Discovery & Innovation, Rm 3.376  
85 Saint Nicholas Terrence  
New York, NY 10031  
office: 212-650-5681  
lab: 212-650-7000 (x49039)  
cell: 919-607-0852*

---

**From:** Steven Nicoll  
**Sent:** Sunday, September 30, 2018 5:41 PM  
**To:** Osceola Whitney  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Protocol 1039

Dear Dr. Whitney,

Please find the attached IACUC letter regarding its review of the subject protocol. **Objected by Rise for Animals. Uploaded 07/08/2020**

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 10/25/2018 05:25:02 PM  
**To:** Osceola Whitney; Institutional Animal Care and Use Committee  
**Subject:** Re: Protocol 1039

---

Dear Dr. Whitney,

Please address the comments below from Dr. Popilskis regarding your revised protocol 1039:

"Please ask Dr. Whitney to reconcile the animal numbers. He requested 99 birds but the experimental groups in the tables don't support that number ( 56+36). The lower table also needs some reconciling ( 6 groups with 7 birds in each. He has 36 :)). He has also checked all the boxes ( #11) to justify the number of animals."

Best,

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Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
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New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Osceola Whitney  
**Sent:** Thursday, October 11, 2018 4:33 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Re: Protocol 1039

Please see the changes to protocol 1039 (yellow highlights) in response to your comments. Thanks.

Best,

Osceola

-----  
*Osceola Whitney, PhD  
Assistant Professor, Biology  
The City College of New York  
Center for Discovery & Innovation, Rm 3.376  
85 Saint Nicholas Terrence  
New York, NY 10031  
office: 212-650-5681  
lab: 212-650-7000 (x49039)  
cell: 919-607-0852*

---

**From:** Steven Nicoll  
**Sent:** Sunday, September 30, 2018 5:41 PM  
**To:** Osceola Whitney  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli

**Subject:** Protocol 1039

Dear Dr. Whitney,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Osceola Whitney  
**Sent time:** 10/11/2018 04:33:05 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Re: Protocol 1039  
**Attachments:** OWhitney\_10\_11\_18\_NEW-Protocol-Initial-Application-Form-May 2015-with-IDEXX sp.pdf

---

Please see the changes to protocol 1039 (yellow highlights) in response to your comments. Thanks.

Best,

Osceola

---

*Osceola Whitney, PhD  
Assistant Professor, Biology  
The City College of New York  
Center for Discovery & Innovation, Rm 3.376  
85 Saint Nicholas Terrence  
New York, NY 10031  
office: 212-650-5681  
lab: 212-650-7000 (x49039)  
cell: 919-607-0852*

---

**From:** Steven Nicoll  
**Sent:** Sunday, September 30, 2018 5:41 PM  
**To:** Osceola Whitney  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Protocol 1039

Dear Dr. Whitney,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 10/26/2018 06:16:08 PM  
**To:** Steven Nicoll; Jun Yoshioka; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Subject:** RE: Protocol 1040  
**Attachments:** NEW-Protocol-Initial-Application-Form-Yoshioka for rat v5.docx NEW-Protocol-Initial-Application-Form-Yoshioka for mouse neonate v5.docx

---

Dear Dr. Nicoll,

Thank you again for reviewing the protocol 1040. As pointed out, I have corrected the species. Also, I have added more explanation how animal numbers were calculated. Please find two attached files in this email, and let me know if you have more concerns.

Have a great weekend.

Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

---

**From:** Steven Nicoll [mailto:[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)]  
**Sent:** Thursday, October 25, 2018 5:19 PM  
**To:** Jun Yoshioka <jyoshioka@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Subject:** Re: Protocol 1040

Dear Dr. Yoshioka,

Please see the attached protocols with my comments. There are a few places where you refer to the wrong species in the respective protocols, and those should be corrected. In addition, based on the requested number of animals (180 neonates), you should add some more information in the justification for animal numbers. Specifically, a minimum of 10 and maximum of 18 neonatal animals will be required for each group, totaling 180 neonates. Let me know if you have any questions.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Jun Yoshioka

**Sent:** Monday, October 22, 2018 5:23 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
**Subject:** Re: Protocol 1040

Dear Dr. Nicoll and IACUC,

As recommended, I have revised the protocol 1040. Please find two attached files, one for rats and the other for mice. I have elaborated page 12 to justify the animal numbers using a table on both files. Also, 400 animals meant to be neonates (not adult animals). Usually, Charles River or Taconic delivers 10-20 neonates with 1-2 adult mothers at once in a small or middle-size crate. I have clarified this on the protocol. Please let me know if you need anything else.

Thank you very much.

Jun Yoshioka

---

**From:** Steven Nicoll  
**Sent:** Wednesday, October 17, 2018 12:20 PM  
**To:** Jun Yoshioka  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1040

Dear Dr. Yoshioka,

In the attached new application, please submit two protocols, one for rats and one for mice. In addition, please more clearly specify and justify the animal numbers on P. 12, item 11. How do you arrive at 400 animals based on the study design (i.e., experimental and control groups, time points, outcome measures etc.)? A table would help to clarify this issue.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 10/29/2018 08:16:07 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1040  
**Attachments:** NEW-Protocol-Initial-Application-Form-Yoshioka for mouse neonate v5.docx NEW-Protocol-Initial-Application-Form-Yoshioka for rat v5.docx

---

I have reviewed and approve the attached revised protocols - 1040 (mouse) and 1044 (rat).

Thanks,

Steve

---

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent:** Friday, October 26, 2018 6:16 PM  
**To:** Steven Nicoll; Jun Yoshioka; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; Jun Yoshioka  
**Subject:** RE: Protocol 1040

Dear Dr. Nicoll,

Thank you again for reviewing the protocol 1040. As pointed out, I have corrected the species. Also, I have added more explanation how animal numbers were calculated. Please find two attached files in this email, and let me know if you have more concerns.

Have a great weekend.

Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

---

**From:** Steven Nicoll [mailto:[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)]  
**Sent:** Thursday, October 25, 2018 5:19 PM  
**To:** Jun Yoshioka <jyoshioka@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Subject:** Re: Protocol 1040

Dear Dr. Yoshioka,

Please see the attached protocols with my comments. There are a few places where you refer to the wrong species in the respective protocols, and those should be corrected. In addition, based on the requested number of animals (180 neonates), you should add some more information in the justification for animal numbers. Specifically, a minimum of 10 and maximum of 18 neonatal animals will be required for each group, totaling 180 neonates. Let me know if you have any questions.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering

The City College of New York  
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160 Convent Avenue  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Jun Yoshioka  
**Sent:** Monday, October 22, 2018 5:23 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)  
**Subject:** Re: Protocol 1040

Dear Dr. Nicoll and IACUC,

As recommended, I have revised the protocol 1040. Please find two attached files, one for rats and the other for mice. I have elaborated page 12 to justify the animal numbers using a table on both files. Also, 400 animals meant to be neonates (not adult animals). Usually, Charles River or Taconic delivers 10-20 neonates with 1-2 adult mothers at once in a small or middle-size crate. I have clarified this on the protocol. Please let me know if you need anything else.

Thank you very much.

Jun Yoshioka

---

**From:** Steven Nicoll  
**Sent:** Wednesday, October 17, 2018 12:20 PM  
**To:** Jun Yoshioka  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1040

Dear Dr. Yoshioka,

In the attached new application, please submit two protocols, one for rats and one for mice. In addition, please more clearly specify and justify the animal numbers on P. 12, item 11. How do you arrive at 400 animals based on the study design (i.e., experimental and control groups, time points, outcome measures etc.)? A table would help to clarify this issue.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
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Grove School of Engineering  
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Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Jun Yoshioka  
**Sent time:** 10/22/2018 05:23:25 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** jyoshioka@med.cuny.edu; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1040  
**Attachments:** NEW-Protocol-Initial-Application-Form-Yoshioka for rat v4.pdf NEW-Protocol-Initial-Application-Form-Yoshioka for mouse neonate v4.pdf

---

Dear Dr. Nicoll and IACUC,

As recommended, I have revised the protocol 1040. Please find two attached files, one for rats and the other for mice. I have elaborated page 12 to justify the animal numbers using a table on both files. Also, 400 animals meant to be neonates (not adult animals). Usually, Charles River or Taconic delivers 10-20 neonates with 1-2 adult mothers at once in a small or middle-size crate. I have clarified this on the protocol. Please let me know if you need anything else.

Thank you very much.

Jun Yoshioka

---

**From:** Steven Nicoll  
**Sent:** Wednesday, October 17, 2018 12:20 PM  
**To:** Jun Yoshioka  
**Cc:** Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1040

Dear Dr. Yoshioka,

In the attached new application, please submit two protocols, one for rats and one for mice. In addition, please more clearly specify and justify the animal numbers on P. 12, item 11. How do you arrive at 400 animals based on the study design (i.e., experimental and control groups, time points, outcome measures etc.)? A table would help to clarify this issue.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
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Grove School of Engineering  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 10/25/2018 05:19:02 PM  
**To:** Jun Yoshioka; Institutional Animal Care and Use Committee  
**Cc:** jyoshioka@med.cuny.edu; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocol 1040  
**Attachments:** NEW-Protocol-Initial-Application-Form-Yoshioka for rat v4 edit.pdf NEW-Protocol-Initial-Application-Form-Yoshioka for mouse neonate v4 edit.pdf

---

Dear Dr. Yoshioka,

Please see the attached protocols with my comments. There are a few places where you refer to the wrong species in the respective protocols, and those should be corrected. In addition, based on the requested number of animals (180 neonates), you should add some more information in the justification for animal numbers. Specifically, a minimum of 10 and maximum of 18 neonatal animals will be required for each group, totaling 180 neonates. Let me know if you have any questions.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Jun Yoshioka  
**Sent:** Monday, October 22, 2018 5:23 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Tricia Mayhew-Noel; Harry Acosta; jyoshioka@med.cuny.edu  
**Subject:** Re: Protocol 1040

Dear Dr. Nicoll and IACUC,

As recommended, I have revised the protocol 1040. Please find two attached files, one for rats and the other for mice. I have elaborated page 12 to justify the animal numbers using a table on both files. Also, 400 animals meant to be neonates (not adult animals). Usually, Charles River or Taconic delivers 10-20 neonates with 1-2 adult mothers at once in a small or middle-size crate. I have clarified this on the protocol. Please let me know if you need anything else.

Thank you very much.

Jun Yoshioka

---

**From:** Steven Nicoll  
**Sent:** Wednesday, October 17, 2018 12:20 PM  
**To:** Jun Yoshioka  
**Cc:** Tricia Mayhew-Noel; Harry Acosta

**Subject:** Protocol 1040

Dear Dr. Yoshioka,

In the attached new application, please submit two protocols, one for rats and one for mice. In addition, please more clearly specify and justify the animal numbers on P. 12, item 11. How do you arrive at 400 animals based on the study design (i.e., experimental and control groups, time points, outcome measures etc.)? A table would help to clarify this issue.

Thanks,

Steve

Steven B. Nicoll, Ph.D.  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 10/17/2018 12:15:50 PM  
**To:** Steven Nicoll; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** RE: Protocol 1041  
**Attachments:** NEW-Protocol-Initial-Application-Form-Yoshioka for MI v5.pdf

---

Dear Dr. Nicoll and the IACUC committee,

Thank you for reviewing our new protocol 1041. As suggested, I have addressed the concerns that were raised in the letter. Please find the attached PDF file of the revised version. All changes are marked with **Shade**. Please let me know if there is anything else that I can do.

Sincerely,

Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

---

**From:** Steven Nicoll [mailto:[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)]  
**Sent:** Tuesday, October 16, 2018 11:47 AM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Subject:** Protocol 1041

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Best,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 11/21/2018 05:02:08 PM  
**To:** Steven Nicoll; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** RE: Protocol 1041  
**Attachments:** NEW-Protocol-Initial-Application-Form-Yoshioka for MI v6.docx

---

Dear Dr. Nicoll and IACUC members,

Thank you for reviewing the protocol 1041. As advised, I have revised p9 as attached Word file. Please note that literature search using the term "non-animal (with hyphen)" or "non animal (without hyphen)" makes a big difference. I showed both just in case.

Let me know if you need anything else.

Best regards,

Jun Yoshioka

---

**From:** Steven Nicoll [mailto:[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)]

**Sent:** Wednesday, November 21, 2018 4:35 PM

**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Subject:** Protocol 1041

Dear Dr. Yoshioka,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
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Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Shireen Saleque  
**Sent time:** 01/18/2019 02:19:13 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: Protocol 1052

---

Thank you so much for your prompt review and approval.  
Shireen.

---

**From:** Steven Nicoll  
**Sent:** Friday, January 18, 2019 12:57 PM  
**To:** Shireen Saleque  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Protocol 1052

Dear Dr. Saleque,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Robert Anderson  
**Sent time:** 04/15/2019 11:14:12 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** RE: Protocol 1053  
**Attachments:** 1053\_memo\_signed\_April2019.pdf

---

Dear Dr. Nicoll:

Thank you for confirming approval of the protocol. I attach here a scan of the memo with my signature.

Regards,  
Robert

\*\*\*\*\*

Robert P. Anderson, Ph.D.  
Professor, Department of Biology  
526 Marshak Science Building  
City College of New York, City Univ. of New York  
160 Convent Avenue  
New York, NY 10031, USA

Telephone: (212) 650-8504  
<http://www.andersonlab.ccny.cuny.edu/>  
[randerson@ccny.cuny.edu](mailto:randerson@ccny.cuny.edu)

---

**From:** Steven Nicoll  
**Sent:** Friday, April 05, 2019 1:04 PM  
**To:** Robert Anderson  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocol 1053

Dear Dr. Anderson,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344  
[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** April 5, 2019  
**To:** Robert P. Anderson, Ph.D., [randerson@ccny.cuny.edu](mailto:randerson@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1053**  
Title: **Biogeography of Small Non-Volant Mammals in the Northern Neotropics**  
Funding Source: American Philosophical Society, start-up funds  
Species: Small non-volant mammals  
Total number of animals approved for the three-year project (2019-2022): 600  
**Project Expires on: 3/19/2022**  
Number of animals approved for this period (2019-2020): 300

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 3/19/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.


As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

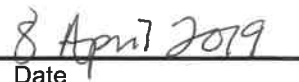
- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

  
Signature

  
Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 09/06/2019 02:22:04 PM  
**To:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: Protocol 1063  
**Attachments:** 1063 KO approval letter Sept 2 2019.pdf

---

Hi Kelly,

Here's the updated letter with the correct time frame (35 hours).

Thanks,  
Steve

---

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent:** Friday, September 6, 2019 10:33 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Re: Protocol 1063

Thank you! I just noticed that the signature page says 24 hours instead of 35. The change to 35 hours was one of the highlighted ones in the electronic copy I sent. Would it be possible to change that?

Thanks!

Kelly

On Sep 4, 2019, at 7:28 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Dear Dr. O'Donnell,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

<1063 KO approval letter Sept 2 2019.pdf>

Steven B. Nicoll, Ph.D.  
Chairperson

**Office of Research Compliance**

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

**Memorandum**

**Date:** September 2, 2019  
**To:** Kelly O'Donnell, Kelly.ODonnell@mhc.cuny.edu  
**From:** Steven B. Nicoll, Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1063**  
Title: **2019 Macaulay Honors College Green-Wood Gowanus BioBlitz**  
Funding Source: N/A  
Species: Plants and animals observed  
**Project Expires on: 08/30/2022**  
Number of Animals approved for this period (**2019-2020**): A count of all species of plants and animals in Green-Wood Cemetery and the Gowanus Canal over a 35-hour period, Sept 7-8, 2019.

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 08/30/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 12/05/2018 02:30:36 PM  
**To:** Hysell Oviedo; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: protocol renewal

---

Hi Hysell,

This is not the correct form. Since your protocol expired and wasn't renewed in time (active from 2014-2017), you need to submit a new full application and it will be assigned a new protocol #.

Thanks,

Steve

---

**From:** Hysell Oviedo  
**Sent:** Tuesday, December 4, 2018 2:48 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** protocol renewal

Please find attached my protocol renewal for the upcoming IACUC meeting.  
Thanks

Hysell V. Oviedo  
Assistant Professor  
The City College of New York  
New York, NY 10031  
hoviedo@ccny.cuny.edu  
212-650-8540

**From:** Hysell Oviedo  
**Sent time:** 12/05/2018 02:33:18 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: protocol renewal

---

Okay. So no need for a "progress report" statement then?  
Thanks. I'll work on the resub.

On Dec 5, 2018, at 2:30 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Hysell,

This is not the correct form. Since your protocol expired and wasn't renewed in time (active from 2014-2017), you need to submit a new full application and it will be assigned a new protocol #.

Thanks,

Steve

---

**From:** Hysell Oviedo  
**Sent:** Tuesday, December 4, 2018 2:48 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** protocol renewal

Please find attached my protocol renewal for the upcoming IACUC meeting.

Thanks

Hysell V. Oviedo  
Assistant Professor  
The City College of New York  
New York, NY 10031  
[hoviedo@ccny.cuny.edu](mailto:hoviedo@ccny.cuny.edu)  
212-650-8540

**From:** Steven Nicoll  
**Sent time:** 12/05/2018 02:46:42 PM  
**To:** Hysell Oviedo  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: protocol renewal

---

Normally for a 4th year renewal (which requires a full application), you would include a progress report in section 1.B. Since this is considered a new application, you don't need to include it but it wouldn't hurt to include what you learned, justifications for continuing the research etc. in the new application.

---

**From:** Hysell Oviedo  
**Sent:** Wednesday, December 5, 2018 2:33 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: protocol renewal

Okay. So no need for a "progress report" statement then?  
Thanks. I'll work on the resub.

On Dec 5, 2018, at 2:30 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Hysell,

This is not the correct form. Since your protocol expired and wasn't renewed in time (active from 2014-2017), you need to submit a new full application and it will be assigned a new protocol #.

Thanks,

Steve

---

**From:** Hysell Oviedo  
**Sent:** Tuesday, December 4, 2018 2:48 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** protocol renewal

Please find attached my protocol renewal for the upcoming IACUC meeting.  
Thanks

Hysell V. Oviedo  
Assistant Professor  
The City College of New York  
New York, NY 10031  
[hoviedo@ccny.cuny.edu](mailto:hoviedo@ccny.cuny.edu)  
212-650-8540

**From:** Steven Nicoll  
**Sent time:** 12/19/2018 03:17:30 PM  
**To:** Ashiwe Undieh; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: Protocol  
**Attachments:** 1027.A1 AU approval letter update Dec. 19, 2018.pdf 1026.A1 AU approval letter update Dec. 19, 2018.pdf

---

Hi Ashiwe,

Please find the attached updated approval letters. Let me know if you have any questions.

Best,

Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Ashiwe Undieh  
**Sent:** Tuesday, December 18, 2018 6:00 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Subject:** RE: Protocol

Steve, That will be great. Thanks.  
Ashiwe

=====

Ashiwe S. Undieh, MPharm / PhD  
Professor, Neuroscience and Pharmacology, CUNY School of Medicine  
Head, Neuromedications Innovation Lab, 918 Marshak Building  
City University of New York (CUNY), City College  
160 Convent Avenue, New York, NY 10031  
Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)

=====

"A good experiment answers at least one question and raises at least one new question" - ASU

---

**From:** Steven Nicoll  
**Sent:** Tuesday, December 18, 2018 5:59 PM  
**To:** Ashiwe Undieh <aundieh@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: Protocol

Hi Ashiwe,

I can issue you a new letter with more clear wording that states the approval is for 3 years and requires annual progress reports.

Thanks,

Steve

---

**From:** Ashiwei Undieh  
**Sent:** Tuesday, December 18, 2018 11:31 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Protocol

Dear IACUC:

My funding agency has contacted me that my protocol has expired because it was approved for only one year. I have written back to explain that the approved period is actually 3 years, but there's no certainty that they'll accept my explanation. Could IACUC consider changing the language in the approval letter so that it is clear the protocol is active for three years? Most institutions I've worked with implement three-year approvals and conduct annual or semi-annual reviews, but those periodic reviews and any revisions are not part of the communication with external agencies.

Thank you,  
Ashiwei

=====  
Ashiwei S. Undieh, MPharm / PhD  
Professor, Neuroscience and Pharmacology, CUNY School of Medicine  
Head, Neuromedications Innovation Lab, 918 Marshak Building  
City University of New York (CUNY), City College  
160 Convent Avenue, New York, NY 10031  
Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)

=====  
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Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** December 19, 2018  
**To:** Ashiwel S. Undieh, Ph.D., [aundieh@ccny.cuny.edu](mailto:aundieh@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
 Protocol No.: **1027.A1**  
 Title: **Molecular Characterization of SCI for Medications Development in the Mouse Model**  
 Funding Source: NYS DOH1: DOH Contract# C32247GG  
 Species: Mouse  
 Total number of animals approved for the three-year project (**2017-2020**): 336  
**Project Expires on: 12/11/2020**  
 Number of animals approved for this period (**2017-2018**): 150

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 12/11/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** December 19, 2018  
**To:** Ashiwe S. Undieh, Ph.D., [aundieh@ccny.cuny.edu](mailto:aundieh@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
 Protocol No.: **1026.A1**  
 Title: **Molecular Characterization of SCI for Medications Development in the Rat Model**  
 Funding Source: NYS DOH1: DOH Contract# C32247GG  
 Species: Rat  
 Total number of animals approved for the three-year project (2017-2020): 488  
**Project Expires on: 12/11/2020**  
 Number of animals approved for this period (2017-2018): 180

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 12/11/2018.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 12/12/2018 01:27:38 PM  
**To:** Tricia Mayhew-Noel; Harry Acosta; Institutional Animal Care and Use Committee  
**Cc:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: Protocols - 1026 and 1027.

---

There are a lot of changes to Dr. Undieh's protocols, including the use of recombinant DNA technology and a new behavioral test. I think it would be more appropriate for full committee review.

Thanks,

Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Wednesday, December 12, 2018 1:00 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll; Popilskis, Sulli  
**Subject:** RE: Protocols - 1026 and 1027.

Can these protocol amendments for Undieh go via DMR Review?

Tricia

---

**From:** Harry Acosta  
**Sent:** Monday, December 10, 2018 9:49 AM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** FW: Protocols - 1026 and 1027.

---

**From:** Ashiwel Undieh  
**Sent:** Friday, December 7, 2018 6:10 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Cc:** Ashiwel Undieh <[aundieh@med.cuny.edu](mailto:aundieh@med.cuny.edu)>  
**Subject:** RE: Protocols - 1026 and 1027.

---

Hi Harry,

I have completed the protocol renewal forms for 1026 and 1027 and copies are attached. I have also modified the original protocol to be consistent with the four changes we would like to make to the approved protocol. The substantive changes are marked by yellow highlighting within the text of the protocol proper. For either protocol the main changes requested are:

1. Testing of additional age groups of pups to include neonatal (about 0-7 days), adolescent (about 30-45 days) and adult (about 60-90 days). We will achieve this by allowing some of the pups from the litters to grow to the desired ages. No change to total animal numbers requested.
2. Testing of female animals. To meet current NIH guidelines, we will include testing of females in the critical experiments. We will achieve this by allowing some of the pups from the litters to grow to the desired ages and then used. Pups will be weaned and re-housed in separate age-matched cages at appropriate ages. No changes to total animal numbers requested.
3. From Year 2 we plan to use recombinant DNA in live animals. Our biosafety protocol has been approved and Richard will provide a certificate directly to you/IACUC soon. For the experimental procedures, we will use the DNA constructs just like any other drug that will be administered IV or into the brain. The experimental procedures will not change. We have added the two DNA constructs (shRNA and CRISPR cassette) to the list of pharmacologic agents to be administered.
4. We have added isoflurane as an alternative anesthetic to be used where ketamine/xylazine is no longer appropriate. Recent studies indicate that ketamine may interfere with one of the signaling pathways that we are studying. To avoid confounding outcomes, we will use isoflurane for those experiments where we anticipate some concerns with non-anesthetic ketamine effects.
5. We have included additional compounds that we will like to test, as warranted by our preliminary observations. These commercially available pharmacologic agents are highlighted in the list of protocol-specific drugs (Page 3).
6. We have included an additional behavioral endpoint – Despair behavior – among the outcomes we will measure.
7. Finally, we have made a slight modification to the title of the project so that the title will be more consistent and better reflect the scope of the work involved.

If you have any feedback to me on anything that needs to be addressed right away, I will appreciate. Otherwise the submissions may go forward for review/approval.

Thanks much,  
Ashiwel

---

**From:** Harry Acosta  
**Sent:** Thursday, December 6, 2018 9:03 AM  
**To:** Ashiwel Undieh <[aundieh@ccny.cuny.edu](mailto:aundieh@ccny.cuny.edu)>  
**Subject:** RE: Protocols

Dr Undieh

I am available any time for you. Just give me a time that would be convenient for you.

In the meantime all you have to do is provide a progress report, since the project doesn't actually expire until 2020.  
I have attached the appropriate form.  
You only really used 10 animals for your protocol 1026. I know I gave you some animals to practice but we won't count dose.

Let me know if you have any questions

Respectfully  
Harry

---

**From:** Ashiwel Undieh  
**Sent:** Wednesday, December 5, 2018 4:29 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Subject:** Protocols

Hi Harry,  
My protocols (1026 and 1027) are due for renewal soon (like next week). I did not yet receive any notice with information on next steps. I'd like to speak with you to get a sense of what and how I'd need to do. My schedule is flexible for this purpose.  
Best,  
Ashiwel

=====

Ashiwel S. Undieh, MPharm / PhD  
Professor, Neuroscience and Pharmacology, CUNY School of Medicine  
Head, Neuromedications Innovation Lab, 918 Marshak Building  
City University of New York (CUNY), City College  
160 Convent Avenue, New York, NY 10031  
Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)

=====

"A good experiment answers at least one question and raises at least one new question" - ASU

**From:** Tricia Mayhew-Noel  
**Sent time:** 12/12/2018 01:00:21 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** RE: Protocols - 1026 and 1027.

---

Can these protocol amendments for Undieh go via DMR Review?

Tricia

---

**From:** Harry Acosta  
**Sent:** Monday, December 10, 2018 9:49 AM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** FW: Protocols - 1026 and 1027.

---

**From:** Ashiwe Undieh  
**Sent:** Friday, December 7, 2018 6:10 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Ashiwe Undieh <aundieh@med.cuny.edu>  
**Subject:** RE: Protocols - 1026 and 1027.

Hi Harry,

I have completed the protocol renewal forms for 1026 and 1027 and copies are attached. I have also modified the original protocol to be consistent with the four changes we would like to make to the approved protocol. The substantive changes are marked by yellow highlighting within the text of the protocol proper. For either protocol the main changes requested are:

1. Testing of additional age groups of pups to include neonatal (about 0-7 days), adolescent (about 30-45 days) and adult (about 60-90 days). We will achieve this by allowing some of the pups from the litters to grow to the desired ages. No change to total animal numbers requested.
2. Testing of female animals. To meet current NIH guidelines, we will include testing of females in the critical experiments. We will achieve this by allowing some of the pups from the litters to grow to the desired ages and then used. Pups will be weaned and re-housed in separate age-matched cages at appropriate ages. No changes to total animal numbers requested.
3. From Year 2 we plan to use recombinant DNA in live animals. Our biosafety protocol has been approved and Richard will provide a certificate directly to you/IACUC soon. For the experimental procedures, we will use the DNA constructs just like any other drug that will be administered IV or into the brain. The experimental procedures will not change. We have added the two DNA constructs (shRNA and CRISPR cassette) to the list of pharmacologic agents to be administered.
4. We have added isoflurane as an alternative anesthetic to be used where ketamine/xylazine is no longer appropriate. Recent studies indicate that ketamine may interfere with one of the signaling pathways that we are studying. To avoid confounding outcomes, we will use isoflurane for those experiments where we anticipate some concerns with non-anesthetic ketamine effects.
5. We have included additional compounds that we will like to test, as warranted by our preliminary observations. These commercially available pharmacologic agents are highlighted in the list of protocol-specific drugs (Page 3).
6. We have included an additional behavioral endpoint – Despair behavior – among the outcomes we will measure.
7. Finally, we have made a slight modification to the title of the project so that the title will be more consistent and better reflect the scope of the work involved.

If you have any feedback to me on anything that needs to be addressed right away, I will appreciate. Otherwise the submissions may go forward for review/approval.

Thanks much,  
Ashiwe

---

**From:** Harry Acosta  
**Sent:** Thursday, December 6, 2018 9:03 AM  
**To:** Ashiwe Undieh <aundieh@ccny.cuny.edu>  
**Subject:** RE: Protocols

Dr Undieh

I am available any time for you. Just give me a time that would be convenient for you.

In the meantime all you have to do is provide a progress report, since the project doesn't actually expire until 2020.

I have attached the appropriate form.

You only really used 10 animals for your protocol 1026. I know I gave you some animals to practice but we won't count dose.

Let me know if you have any questions

Respectfully

Harry

---

**From:** Ashiwel Undieh

**Sent:** Wednesday, December 5, 2018 4:29 PM

**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Subject:** Protocols

Hi Harry,

My protocols (1026 and 1027) are due for renewal soon (like next week). I did not yet receive any notice with information on next steps. I'd like to speak with you to get a sense of what and how I'd need to do. My schedule is flexible for this purpose.

Best,

Ashiwel

=====

Ashiwel S. Undieh, MPharm / PhD

Professor, Neuroscience and Pharmacology, CUNY School of Medicine

Head, Neuromedications Innovation Lab, 918 Marshak Building

City University of New York (CUNY), City College

160 Convent Avenue, New York, NY 10031

Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)

=====

"A good experiment answers at least one question and raises at least one new question" - ASU

**From:** Alessandra Carriero  
**Sent time:** 12/04/2018 10:44:59 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Re: Protocols 1017.1 and 1018.1  
**Attachments:** 1017.1 AC approval letter2018\_Signed.pdf 1018.1 AC approval letter2018\_Signed.pdf

---

Dear Dr. Nicoll,

please find attached the signed IACUC letters for my protocols.  
Thank you,

Alessandra

Dr. Alessandra Carriero  
The City College of New York  
Department of Biomedical Engineering  
212-650-7591

---

**From:** Steven Nicoll  
**Sent:** Monday, December 3, 2018 10:15 AM  
**To:** Alessandra Carriero  
**Cc:** Institutional Animal Care and Use Committee; Tricia Mayhew-Noel; Harry Acosta  
**Subject:** Protocols 1017.1 and 1018.1

Dear Dr. Carriero,

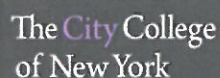
Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)



Steven B. Nicoll, Ph.D.  
Chairperson

## Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

## Memorandum

**Date:** December 1, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1017.1**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively? (Breeding)**  
Funding Source: NSF CAREER grant 1829310  
Species: Mouse  
Total Number of Animals approved for the three-year project (2017-2020): 540  
**Project Expires on: 07/19/2020**  
Number of Animals Approved for this period (2018-2019): 496

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/19/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

12/04/2018

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
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Tel: (212) 650-6467  
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[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** December 1, 2018  
**To:** Alessandra Carriero, Ph.D., [REDACTED]@gmail.com  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1018.1**  
Title: **Are Current Therapies Addressing the Disabilities of Osteogenesis Imperfecta Effectively?**  
Funding Source: NSF CAREER grant 1829310  
Species: Mouse  
Total Number of Animals approved for the three-year project (2017-2020): 540  
**Project Expires on: 07/26/2020**  
Number of Animals Approved for this period (2018-2019): 508

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 07/26/2019.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

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Signature

12/04/2018

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Ashiwei Undieh  
**Sent time:** 02/06/2019 05:51:57 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Ashiwei Undieh <aundieh@med.cuny.edu>  
**Subject:** RE: Protocols 1026.1 and 1027.1  
**Attachments:** Approval Letter - Ashiwei Undieh mp.pdf Undieh-Mouse Protocol #1027.1 Revision.pdf Undieh-Rat Protocol #1026.1 Revision.pdf

---

Dear Dr. Nicoll and The IACUC Committee,

I am pleased to return herewith revised protocols 1026.1 and 1027.1 which have been updated to address the committee's recommendations communicated to me in your letter of January 25, 2019.

Specifically, justification has been provided for the addition of new pharmacologic agents and for use of nonpharmaceutical grade agents; the source of shRNA and CRISPR vectors has been indicated, mathematical errors in summing up animal numbers in Table 11 have been corrected (with no net change in the total number of requested animals) and other typographical errors have been corrected. Substantive additions to the text are highlighted in grey background.

Also attached herewith is the Biosafety committee approval letter pertaining to use of recombinant DNA.

Regards,  
Ashiwei

---

**From:** Steven Nicoll <snicoll@ccny.cuny.edu>  
**Sent:** Friday, January 25, 2019 2:17 AM  
**To:** Ashiwei Undieh <aundieh@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Protocols 1026.1 and 1027.1

Dear Dr. Undieh,

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Friday December 6, 2018

To: Ashiwel Undieh, Ph.D.  
From: Mark Pezzano Ph.D. IBC Committee Chairperson  
Re: ***Approval for Project "Pharmacology of Neural signaling and epigenetics in addiction or depression"***

This memorandum serves to inform you that approval has been granted to the project, entitled **"Pharmacology of Neural signaling and epigenetics in addiction or depression"** The registration number for this protocol is **2018-12-01**. The approval is good for three years and is subject to an annual review.

You are obliged to inform the IBC in writing if there are significant changes to this research project, which might affect National Institute of Health (NIH) classification and risk mitigation.

Thank you for your continued compliance.



---

Mark Pezzano, Ph.D.  
IBC, Chairperson

Cc: Richard Belgrave, M.S.  
Director, Environmental Health and Occupational Safety

Alan Shih, Ph.D.  
Director, Grants and Sponsored Program



**From:** Adrian Rodriguez Contreras  
**Sent time:** 09/05/2019 02:50:12 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: Protocols 1065 and 1066

---

The 13th

Adrian

---

**From:** Steven Nicoll  
**Sent:** Wednesday, September 4, 2019 5:35:50 PM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: Protocols 1065 and 1066

Hi Adrian,

Are you referring to Friday 9/6 or 9/13? Let me know.

Thanks,  
Steve

---

**From:** Adrian Rodriguez Contreras  
**Sent:** Wednesday, September 4, 2019 4:36 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: Protocols 1065 and 1066

Hello Steve

What about meeting next week on Friday?  
Thank you

Adrián

---

**From:** Steven Nicoll  
**Sent:** Wednesday, September 4, 2019 9:33:39 AM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Protocols 1065 and 1066

Dear Dr. Rodriguez-Contreras,

The IACUC met on August 30, 2019 and reviewed the subject protocols, 1065 - "Activity-dependent development of auditory neurons, experimental work" and 1066 - "Effect of hypoxia and anesthesia on brain vascular physiology." The protocols were "Tabled" and the IACUC would like to schedule a meeting with you at your earliest convenience to discuss and clarify issues with the protocols in order to expedite the review and approval process.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431

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Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Adrian Rodriguez Contreras  
**Sent time:** 09/05/2019 08:33:31 AM  
**To:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: Protocols 1065 and 1066

---

Great. I will stop by the marshak vivarium. We can meet there or we could meet in the biology department meeting room 527 on the 5th floor,  
Whatever works best

Adrián

---

**From:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Sent:** Thursday, September 5, 2019 7:54:12 AM  
**To:** Steven Nicoll  
**Cc:** Adrian Rodriguez Contreras; Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Re: Protocols 1065 and 1066

Works for me  
Sulli

Sent from my iPhone

On Sep 5, 2019, at 6:59 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

The 13th works for me - I'll confirm with Sulli and Harry.

Thanks,

Steve

---

**From:** Adrian Rodriguez Contreras  
**Sent:** Thursday, September 5, 2019 2:50 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: Protocols 1065 and 1066

The 13th

Adrian

---

**From:** Steven Nicoll  
**Sent:** Wednesday, September 4, 2019 5:35:50 PM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: Protocols 1065 and 1066

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Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
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Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

This email was scanned by Bitdefender

**From:** Steven Nicoll  
**Sent time:** 09/04/2019 05:35:50 PM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: Protocols 1065 and 1066

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 09/05/2019 06:59:44 AM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: Protocols 1065 and 1066

---

The 13th works for me - I'll confirm with Sulli and Harry.

Thanks,  
Steve

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**From:** Adrian Rodriguez Contreras  
**Sent:** Thursday, September 5, 2019 2:50 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: Protocols 1065 and 1066

The 13th

Adrian

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Adrian Rodriguez Contreras  
**Sent time:** 09/04/2019 04:36:58 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: Protocols 1065 and 1066

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Hello Steve

What about meeting next week on Friday?  
Thank you

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**Sent:** Wednesday, September 4, 2019 9:33:39 AM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Protocols 1065 and 1066

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Steven Nicoll  
**Sent time:** 08/28/2019 03:39:54 PM  
**To:** Sanna Goyert <sgoyert@med.cuny.edu>; Institutional Animal Care and Use Committee  
**Subject:** Re: PROTOCOLS for renewal attached  
**Attachments:** 1060 SG ACF protocol-2019-New IACUC Application.docx

---

Dear Dr. Goyert,

In the attached protocol application, please respond to the following request for modifications:

1. Table 4, page 7, please define LPS (i.e., lipopolysaccharide). Also, provide more information on the LPS injections in the "Experimental Design Section," item 4, page 10. Describe when the mice be injected (frequency, timing) and provide a reference for the dosage. Also, are there any known or expected effects of LPS injection? If so, please address in section 4.C.6, page 12.

2. In item 11, page 14, provide a more detailed justification for the number of animals requested for the 3-year protocol (600 total, 120 per strain). A table with the various experimental and control groups, analyses, time points etc. may be useful.

Thanks,

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Sanna Goyert <sgoyert@med.cuny.edu>  
**Sent:** Tuesday, July 23, 2019 3:29 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** PROTOCOLS for renewal attached

Please see attached 2 protocols for renewal, 0616, 0617  
Thanks,  
Sanna Goyert

Sanna M. Goyert, Ph.D.  
Medical Professor  
Department of Molecular, Cellular and Biomedical Sciences  
CUNY School of Medicine  
City College of New York  
Harris Hall 205L  
160 Convent Ave.  
New York, NY 10031

Office Phone: 212-650-7773  
mobile: 917-674-4346  
<http://www.ccny.cuny.edu/profiles/Sanna-Goyert.cfm>

**From:** Ashiwel Undieh  
**Sent time:** 12/18/2018 06:00:58 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Subject:** RE: Protocol

---

Steve, That will be great. Thanks.  
Ashiwel

=====  
Ashiwel S. Undieh, MPharm / PhD  
Professor, Neuroscience and Pharmacology, CUNY School of Medicine  
Head, Neuromedications Innovation Lab, 918 Marshak Building  
City University of New York (CUNY), City College  
160 Convent Avenue, New York, NY 10031  
Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)  
=====

"A good experiment answers at least one question and raises at least one new question" - ASU

---

**From:** Steven Nicoll  
**Sent:** Tuesday, December 18, 2018 5:59 PM  
**To:** Ashiwel Undieh <aundieh@ccny.cuny.edu>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: Protocol

Hi Ashiwel,

I can issue you a new letter with more clear wording that states the approval is for 3 years and requires annual progress reports.

Thanks,

Steve

---

**From:** Ashiwel Undieh  
**Sent:** Tuesday, December 18, 2018 11:31 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Protocol

Dear IACUC:

My funding agency has contacted me that my protocol has expired because it was approved for only one year. I have written back to explain that the approved period is actually 3 years, but there's no certainty that they'll accept my explanation. Could IACUC consider changing the language in the approval letter so that it is clear the protocol is active for three years? Most institutions I've worked with implement three-year approvals and conduct annual or semi-annual reviews, but those periodic reviews and any revisions are not part of the communication with external agencies.

Thank you,  
Ashiwel

=====  
Ashiwel S. Undieh, MPharm / PhD  
Professor, Neuroscience and Pharmacology, CUNY School of Medicine  
Head, Neuromedications Innovation Lab, 918 Marshak Building  
City University of New York (CUNY), City College  
160 Convent Avenue, New York, NY 10031  
Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)  
=====

"A good experiment answers at least one question and raises at least one new question" - ASU

**From:** Steven Nicoll  
**Sent time:** 12/18/2018 05:59:26 PM  
**To:** Ashiwei Undieh; Institutional Animal Care and Use Committee  
**Subject:** Re: Protocol

---

Hi Ashiwei,

I can issue you a new letter with more clear wording that states the approval is for 3 years and requires annual progress reports.

Thanks,

Steve

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**From:** Ashiwei Undieh  
**Sent:** Tuesday, December 18, 2018 11:31 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Protocol

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Thank you,  
Ashiwei

=====

Ashiwei S. Undieh, MPharm / PhD  
Professor, Neuroscience and Pharmacology, CUNY School of Medicine  
Head, Neuromedications Innovation Lab, 918 Marshak Building  
City University of New York (CUNY), City College  
160 Convent Avenue, New York, NY 10031  
Phone: +1-212-650-8234 (Office); +1-212-650-8283 (Lab)

=====

"A good experiment answers at least one question and raises at least one new question" - ASU

**From:** Harry Acosta  
**Sent time:** 04/19/2019 08:14:25 AM  
**To:** Louie, Margie <Margie\_Louie@rfcuny.org>; Institutional Animal Care and Use Committee  
**Subject:** RE: Question regarding to IACUC

---

Margie

Where are the dead rats coming from? If they are alive when they arrive at LaGuardia than Yes they need an approved protocol.

Also I do believe that LaGuardia has a IACUC committee.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
City College of New York  
Director of Animal Care Facility  
P-212-650-8515  
F-212-6507545  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)*

---

**From:** Louie, Margie [mailto:Margie\_Louie@rfcuny.org]  
**Sent:** Thursday, April 18, 2019 3:44 PM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** [EXTERNAL] Question regarding to IACUC  
**Importance:** High

Good afternoon Dr. Nicoll,

Can you advise us if dead rat for DNA tissues require IACUC approval or not? I have a Professor from LaGuardia use dead rat for research and LaGuardia C.C doesn't have IACUC office.

Thank you.

**Margie Louie**  
Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
New York, NY 10036  
212-417-8474  
212-417-6474 Fax  
[Margie\\_Louie@rfcuny.org](mailto:Margie_Louie@rfcuny.org)  
<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



**From:** Steven Nicoll  
**Sent time:** 06/17/2019 01:40:58 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: renewal of #1006

---

I approve the annual progress report/renewal for protocol 1006.2 (AK).

Thanks,  
Steve

---

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent:** Wednesday, May 15, 2019 1:44 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** renewal of #1006

Dear IACUC committee,

Please find enclosed the 2<sup>nd</sup> annual renewal of protocol # 1006 AHK.

There were no adverse events and there are no changes to the protocol.

POL 87(2)(a) Grad student [REDACTED] graduated in March and has been removed from the protocol  
(FERPA) Grad student [REDACTED] was added to the protocol

Andreas H. Kottmann, Ph.D.  
Associate Medical Professor  
CUNY School of Medicine  
City University of New York  
Dept. of Molecular, Cellular and Biomedical Sciences  
Center for Discovery and Innovation, Room 3-304  
85 St. Nicholas Terrace  
New York, NY 10031  
P: 212 650 8644  
E: [akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)  
<https://kottmannlab.ccny.cuny.edu/>  
[www.cuny.edu/csom](http://www.cuny.edu/csom)

**From:** Institutional Animal Care and Use Committee  
**Sent time:** 10/15/2018 04:06:37 PM  
**To:** Alessandra Carriero [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** RE: renewal of protocols for NSF projects  
**Attachments:** 2017 IACUC-Protocol-Annual Review-Form.docx

---

Dear Alessandra,

Please see the attached Progress application for continuing review. Complete for each study and return for review.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Alessandra Carriero [REDACTED]@gmail.com>  
**Sent:** Monday, October 15, 2018 1:12 PM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Steven Nicoll <snicoll@ccny.cuny.edu>  
**Subject:** renewal of protocols for NSF projects

Dear IACUCU committee,

can you please renew my protocols 1017 and 1018. Here attached is their memorandum approval.  
Thank you very much,

Alessandra

Dr. Alessandra Carriero  
Department of Biomedical Engineering  
The City College of New York  
212-650-7591

**From:** Alessandra Carriero [REDACTED]@gmail.com>  
**Sent time:** 10/23/2018 05:44:05 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Steven Nicoll  
**Subject:** Re: renewal of protocols for NSF projects  
**Attachments:** 2017 IACUC-Protocol-Annual Review-Form1017.docx 2017 IACUC-Protocol-Annual Review-Form1018.docx

---

Dear Tricia,

please find attached the filled reports on my two protocols 1017 and 1018.

Please let me know if you need more.

Thank you,

Alessandra

On Mon, 15 Oct 2018 at 16:06, Institutional Animal Care and Use Committee <[jacuc@ccny.cuny.edu](mailto:jacuc@ccny.cuny.edu)> wrote:

Dear Alessandra,

Please see the attached Progress application for continuing review. Complete for each study and return for review.

Best,

Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics

City College of New York

Division for Research

Shepard Hall Room 108B

160 Convent Ave

New York, NY 10031

1-212-650-7902 (phone)

1-212-650-8344 (fax)

[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)

<http://www.ccny.cuny.edu/irb/> (website)

**From:** Alessandra Carriero [REDACTED]@gmail.com>

**Sent:** Monday, October 15, 2018 1:12 PM

**To:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Cc:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>

**Subject:** renewal of protocols for NSF projects

Dear IACUCU committee,

can you please renew my protocols 1017 and 1018. Here attached is their memorandum approval.

Thank you very much,

Alessandra

Dr. Alessandra Carriero

Department of Biomedical Engineering

The City College of New York

212-650-7591

**From:** Steven Nicoll  
**Sent time:** 05/10/2019 10:45:31 AM  
**To:** Bao Vuong; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: Renewal protocols 956, 961  
**Attachments:** 1056 BV approval letter update Mar. 1, 2019.pdf

---

Hi Bao,

Since protocol 961.3 is active until April 11, 2021, I was able to adjust the start date for protocol 1056 (which replaces it ) to begin March 1, 2019. I assume that will solve the payment issues with RF. Protocol 1055 (replacing 956.3) is being reviewed via designated member review.

Thanks,  
Steve

Steven B. Nicoll, Ph.D.  
IACUC Chair  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Bao Vuong  
**Sent:** Wednesday, April 10, 2019 9:31 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Re: Renewal protocols 956, 961

Hi Steve,

The animals will not be immunized as a part of the breeding protocol.

I have removed the immunization description from the breeding protocol and attached the revised document.

Thank you for bringing this to my attention.

Best regards,  
Bao

---

**From:** Steven Nicoll  
**Sent:** Tuesday, April 9, 2019 11:56 PM  
**To:** Bao Vuong; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Re: Renewal protocols 956, 961

Hi Bo,

In the "known or expected adverse effects" section of the attached breeding protocol (1056) (P. 11), you state the possible adverse effects of immunization with alum and NP-CGG. I just want to confirm that the animals will not be immunized as part of the breeding protocol. If so, please remove this description from the breeding protocol. It's fine to

keep it in the actual experimental protocol (1055).

Thanks,  
Steve

---

**From:** Bao Vuong  
**Sent:** Thursday, March 21, 2019 5:30 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Renewal protocols 956, 961

To whom it may concern:

Please find attached my renewals for animal protocols 956 and 961.

Please let me know if you require additional documents.

Best regards,  
Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563  
lab: 212-650-8572  
<http://www.vuonglab.org>

Steven B. Nicoll, Ph.D.  
Chairperson

Office of Research Compliance

Shepard Hall, 108A  
160 Convent Ave  
New York, NY 10031  
Tel: (212) 650-6467  
Fax: (212) 650-8344

[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Memorandum

**Date:** March 1, 2019  
**To:** Bao Vuong, Ph.D., [bvuong@ccny.cuny.edu](mailto:bvuong@ccny.cuny.edu)  
**From:** Steven B. Nicoll, Ph.D., Chairperson  
**CC:** Harry Acosta, Director of the Animal Care Facility  
**Re:** Institutional Animal Care and Use Committee review of research  
Protocol No.: **1056**  
Title: **Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding)**  
Funding Source: NIGMS 1SC1GM132035-01  
Species: Mouse  
Total number of animals approved for the three-year project (**2019-2022**): 1188  
**Project Expires on: 3/1/2022**  
Number of animals approved for this period (**2019-2020**): 396

The IACUC has reviewed the above referenced protocol and recommended approval. However, please check with the animal care director prior to ordering animals to ensure that there is sufficient room in the facility to house your animals. **The Annual Progress Report is due on 3/1/2020.** You should receive a courtesy renewal notice approximately four weeks before the expiration of this approval. It is your responsibility, however, to ensure that an application for continuing review approval has been submitted by the required time.

As the principal investigator for this project, you are responsible for conducting the research according to the highest ethical and research standards. Specifically, you must:

- 1) Obtain IACUC approval for changes in procedures or personnel;
- 2) Notify the IACUC in writing of the termination of the study or if you anticipate an extended absence from the college or the Animal Care Facility (ACF);
- 3) Ensure that lab project personnel have completed training in City College and Animal Care Facility policies and procedures and provide additional training and supervision as needed.

The Director for the Animal Care Facility, Harry Acosta, must approve all animal purchases. Animal Purchase Approval Forms and instructions are available in the Animal Care Facility office or from the Office of Research Administration.

Thank you.

Please sign below to indicate that you have read and agree to abide by the terms detailed above. Return a copy of the signed letter to the over signed in the Animal Care Facility, Marshak Annex.

Signature

Date

\*For renewals the expiration date of the protocol is the anniversary date of the first approval.

**From:** Steven Nicoll  
**Sent time:** 04/10/2019 10:42:03 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel  
**Subject:** Re: Renewal protocols 956, 961  
**Attachments:** BQVuong%20updated%20Breeding%20Protocol%20961%20041019.pdf

---

I have reviewed and approve the attached revised protocol 1056 (BV).

Thanks,  
Steve

---

**From:** Bao Vuong  
**Sent:** Wednesday, April 10, 2019 9:31 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Re: Renewal protocols 956, 961

Hi Steve,

The animals will not be immunized as a part of the breeding protocol.

I have removed the immunization description from the breeding protocol and attached the revised document.

Thank you for bringing this to my attention.

Best regards,  
Bao

---

**From:** Steven Nicoll  
**Sent:** Tuesday, April 9, 2019 11:56 PM  
**To:** Bao Vuong; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Re: Renewal protocols 956, 961

Hi Bo,

In the "known or expected adverse effects" section of the attached breeding protocol (1056) (P. 11), you state the possible adverse effects of immunization with alum and NP-CGG. I just want to confirm that the animals will not be immunized as part of the breeding protocol. If so, please remove this description from the breeding protocol. It's fine to keep it in the actual experimental protocol (1055).

Thanks,  
Steve

---

**From:** Bao Vuong  
**Sent:** Thursday, March 21, 2019 5:30 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Renewal protocols 956, 961

To whom it may concern:

Please find attached my renewals for animal protocols 956 and 961.

Please let me know if you require additional documents.

Best regards,  
Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563

lab: 212-650-8572

<http://www.vuonglab.org>

**From:** Bao Vuong  
**Sent time:** 04/10/2019 09:31:32 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Re: Renewal protocols 956, 961  
**Attachments:** BQVuong updated Breeding Protocol 961 041019.pdf

---

Hi Steve,

The animals will not be immunized as a part of the breeding protocol.

I have removed the immunization description from the breeding protocol and attached the revised document.

Thank you for bringing this to my attention.

Best regards,  
Bao

---

**From:** Steven Nicoll  
**Sent:** Tuesday, April 9, 2019 11:56 PM  
**To:** Bao Vuong; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Re: Renewal protocols 956, 961

Hi Bo,

In the "known or expected adverse effects" section of the attached breeding protocol (1056) (P. 11), you state the possible adverse effects of immunization with alum and NP-CGG. I just want to confirm that the animals will not be immunized as part of the breeding protocol. If so, please remove this description from the breeding protocol. It's fine to keep it in the actual experimental protocol (1055).

Thanks,  
Steve

---

**From:** Bao Vuong  
**Sent:** Thursday, March 21, 2019 5:30 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Renewal protocols 956, 961

To whom it may concern:

Please find attached my renewals for animal protocols 956 and 961.

Please let me know if you require additional documents.

Best regards,  
Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563

lab: 212-650-8572

<http://www.vuonglab.org>

**From:** Steven Nicoll  
**Sent time:** 04/09/2019 11:56:02 PM  
**To:** Bao Vuong; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Re: Renewal protocols 956, 961  
**Attachments:** BV 1056 (prev. 961.3) Breeding Protocol 961\_032119.pdf

---

Hi Bo,

In the "known or expected adverse effects" section of the attached breeding protocol (1056) (P. 11), you state the possible adverse effects of immunization with alum and NP-CGG. I just want to confirm that the animals will not be immunized as part of the breeding protocol. If so, please remove this description from the breeding protocol. It's fine to keep it in the actual experimental protocol (1055).

Thanks,  
Steve

---

**From:** Bao Vuong  
**Sent:** Thursday, March 21, 2019 5:30 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** Renewal protocols 956, 961

To whom it may concern:

Please find attached my renewals for animal protocols 956 and 961.

Please let me know if you require additional documents.

Best regards,  
Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563  
lab: 212-650-8572  
<http://www.vuonglab.org>

**From:** Tricia Mayhew-Noel  
**Sent time:** 03/18/2019 04:32:43 PM  
**To:** Linda Spatz <lspatz@med.cuny.edu>; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Steven Nicoll  
**Subject:** RE: Spatz protocol, 1028 renewal

---

Acknowledge. We will let you know if any modifications are required.

Best,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

---

**From:** Linda Spatz <lspatz@med.cuny.edu>  
**Sent:** Sunday, March 17, 2019 8:54 PM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Harry Acosta <hacosta007@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>  
**Subject:** Spatz protocol, 1028 renewal

Dear IACUC,

I am sending you a renewal protocol. Please acknowledge receipt. I was just wondering whether this renewal needs to be reviewed when the IACUC committee reconvenes next month or can an expedited review be done by E-mail. I would appreciate if you could please let me know. Thanks for your response.

Sincerely,

Linda Spatz

Linda Spatz, Ph.D.  
Interim Deputy Dean of Research  
CUNY School of Medicine  
The City College of New York  
212-650-7703

**From:** Tricia Mayhew-Noel  
**Sent time:** 04/08/2019 11:36:11 AM  
**To:** Linda Spatz <lspatz@med.cuny.edu>; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** RE: Spatz protocol, 1028 renewal

---

Hi Linda,

The review and determination for the renewal will be completed at the meeting being held this Wednesday, April 10<sup>th</sup>.

Best Regards,  
Tricia

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

---

**From:** Linda Spatz <lspatz@med.cuny.edu>  
**Sent:** Monday, April 8, 2019 10:44 AM  
**To:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Cc:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Subject:** Fwd: Spatz protocol, 1028 renewal

Dear IACUC,

I submitted my renewal protocol on 3/18/19. I am attaching it again for your convenience. I just want to make sure that it is on this week's agenda. Thank you,

Sincerely,

Linda

Linda Spatz, Ph.D  
Associate Professor of Molecular, Cellular & Biomedical Sciences  
Interim Deputy Dean of Research  
CUNY School of Medicine  
160 Convent Avenue  
New York, NY 10031  
[lspatz@med.cuny.edu](mailto:lspatz@med.cuny.edu)  
212-650-7703

**From:** Steven Nicoll  
**Sent time:** 05/17/2019 04:41:16 PM  
**To:** Mark Pezzano  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: Updated animal protocol 1055

---

Hi Mark,

I'm just following up on the DMR assignment for Bao's protocol 1055. Let me know when you'll have a chance to get to it.

Thanks,  
Steve

---

**From:** Steven Nicoll  
**Sent:** Thursday, May 2, 2019 1:06 AM  
**To:** Mark Pezzano  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Fw: Updated animal protocol 1055

Hi Mark,

I'm forwarding Bao Vuong's response to our request for modifications (attached) as you are DMR for this protocol.

Thanks,  
Steve

---

**From:** Bao Vuong  
**Sent:** Tuesday, April 23, 2019 5:03 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Nicholas Rienzi; Richard Belgrave  
**Subject:** Updated animal protocol 1055

To whom it may concern:

Please find attached my revised animal protocol 1055.

I have amended the animal protocol based on comments that were sent to me earlier this month. The comments (in bold) and my responses are listed below:

**1. Where is the H1N1 virus prepared prior to injection? Animal staff and personnel should take proper precautions.**

I have included the following passage on page 14 to specify where the H1N1 is prepared prior to injection: "PR8 is a mouse adapted strain of influenza A H1N1 (Journal of Virology 88:4047). This strain of influenza has not been shown to infect humans. Biosafety standard operating procedures (SOP), which includes appropriate PPE (personal protective equipment), will be followed according to guidelines approved by the Office of Environmental Health and Occupational Safety (EHOS). The H1N1 virus will be prepared in biosafety cabinets in the Vuong laboratory (CDI 2.117). Wild-type and knockout mice will be anesthetized with isoflurane and infected intranasally with 100 to 500 PFU in biosafety cabinets in the Marshak animal facility (Room 113A)."

**2. P. 14, it states "mice will be monitored on a daily basis for signs of severe illness...," and on P. 15, in known or expected adverse events, it states "Animals will be monitored weekly after infection, immunization, or cheek bleeds for signs of distress..." Animals should be monitored daily rather weekly, and this discrepancy should be reconciled in the text.**

I have revised the sentence on page 15 to specify that "Animals will be monitored daily after infection, immunization, or cheek bleeds for signs of distress..."

**3. P. 15, section 5.a, remove "anti-fungal, or anti-viral medication" as these agents are not typically administered. The water and bedding may be autoclaved for precaution.**

I have removed "anti-fungal, or anti-viral medication" on page 15. I have not added a sentence specifying that water and bedding may be autoclaved for precaution.

bedding may be autoclaved because the animal facility provides sterilized water and bedding after cleaning the dirty cages.

**4. Biosafety approval is required before work can be initiated.**

Biosafety approval was obtained in April 2018. Richard Belgrave had previously informed me that the Biosafety committee approval letter was sent directly to IACUC. I have attached a previous email that was sent to IACUC regarding this approval. Nicholas Rienzi informed me today that a new SOP does not need to be filed for the use of H1N1. Both Richard and Nicholas are copied on this email.

Please advise if you require any additional documents to process this animal protocol.

Best regards,  
Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563  
lab: 212-650-8572  
<http://www.vuonglab.org>

**From:** Steven Nicoll  
**Sent time:** 08/26/2019 08:18:08 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas Kottmann <akottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: URGENT ADHOC IACUC Meeting

---

Correction, the meeting is scheduled for Friday, Aug. 30 from 11-1.

Thanks,  
Steve

---

**From:** Steven Nicoll  
**Sent:** Friday, August 23, 2019 7:05 PM  
**To:** Tricia Mayhew-Noel; Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: URGENT ADHOC IACUC Meeting

Dear IACUC Members,

The protocols for review on Thursday, Aug. 29th from 11-1 are attached. Karen Hubbard is now the PI for protocol 1061, replacing Robert Alfano. We've added 1063 Bioblitz from Kelly O'Donnell, three protocols from Adrian Rodriguez-Contreras (1064-1066) and a protocol from Ratna Sircar (1062). Protocols 1059 and 1060 (Goyert) will be reviewed via DMR by me as will the renewal for 1030 (Dmochowski). Many of these additional protocols would have been DMR but there wasn't sufficient time to send them to the committee in advance.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Wednesday, August 21, 2019 6:23 PM  
**To:** Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** URGENT ADHOC IACUC Meeting

Dear IACUC Members,

It is urgent that we schedule an IACUC Meeting as soon as possible.

Please see the link of the DOODLE Poll calendar to indicate your availability.

Please indicate your date of choice prior to **COB Tomorrow!**

The link to the poll can be found [here](#).

If you are unable to access the link please send me an email promptly.

Best Regards,  
Tricia

---

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 1:40 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am available in principle from next Tuesday onwards. Maybe best to do a doodle poll? Andreas

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:21 PM

**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

I am available until Wednesday.

Tricia

---

**From:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:03 PM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas H. Kottmann (<[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)>) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com> [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

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Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
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to document acknowledgment of DMR projects.

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

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**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
Shepard Hall Room 108B  
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New York, NY 10031  
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<http://www.ccny.cuny.edu/irb/> (website)



**From:** Steven Nicoll  
**Sent time:** 08/23/2019 07:05:35 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Tricia Mayhew-Noel; Andreas Kottmann <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: URGENT ADHOC IACUC Meeting  
**Attachments:** 1066 ARC Karp.doc 1065 ARC NIH.doc 1064 ARC Breeding .doc 1062 RS 2019.docx 1061 KH 2019.pdf 1063 KO Bioblitz.docx 1058 MS, Osteocyte stress-July19.docx

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Dear IACUC Members,

The protocols for review on Thursday, Aug. 29th from 11-1 are attached. Karen Hubbard is now the PI for protocol 1061, replacing Robert Alfano. We've added 1063 Bioblitz from Kelly O'Donnell, three protocols from Adrian Rodriguez-Contreras (1064-1066) and a protocol from Ratna Sircar (1062). Protocols 1059 and 1060 (Goyert) will be reviewed via DMR by me as will the renewal for 1030 (Dmochowski). Many of these additional protocols would have been DMR but there wasn't sufficient time to send them to the committee in advance.

Thanks,  
Steve

---

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**Sent:** Wednesday, August 21, 2019 6:23 PM  
**To:** Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
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**Subject:** URGENT ADHOC IACUC Meeting

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Please indicate your date of choice prior to **COB Tomorrow!**

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Best Regards,  
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<http://www.ccny.cuny.edu/irb/> (website)

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**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas Kottmann <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: URGENT ADHOC IACUC Meeting

The doodle poll has been revised to include 8/29 and 8/30. If you've already responded please revise your availability, if not please take time to respond as soon as possible.

Thanks,  
Tricia

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**Importance:** High

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- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
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Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
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- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research

Obtained by Rise for Animals. Uploaded 07/08/2020

Shepard Hall Room 108B  
160 Convent Ave  
New York, NY 10031  
1-212-650-7902 (phone)  
1-212-650-8344 (fax)  
[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent time:** 08/27/2019 08:46:42 AM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Steven Nicoll; Tricia Mayhew-Noel; Harry Acosta; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: URGENT ADHOC IACUC Meeting

---

Will be there. Andreas

---

**From:** Steven Nicoll [mailto:snicoll@ccny.cuny.edu]  
**Sent:** Monday, August 26, 2019 8:18 AM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas Kottmann <AKottmann@med.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: URGENT ADHOC IACUC Meeting

Correction, the meeting is scheduled for Friday, Aug. 30 from 11-1.

Thanks,  
Steve

---

**From:** Steven Nicoll  
**Sent:** Friday, August 23, 2019 7:05 PM  
**To:** Tricia Mayhew-Noel; Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: URGENT ADHOC IACUC Meeting

Dear IACUC Members,

The protocols for review on Thursday, Aug. 29th from 11-1 are attached. Karen Hubbard is now the PI for protocol 1061, replacing Robert Alfano. We've added 1063 Bioblitz from Kelly O'Donnell, three protocols from Adrian Rodriguez-Contreras (1064-1066) and a protocol from Ratna Sircar (1062). Protocols 1059 and 1060 (Goyert) will be reviewed via DMR by me as will the renewal for 1030 (Dmochowski). Many of these additional protocols would have been DMR but there wasn't sufficient time to send them to the committee in advance.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Wednesday, August 21, 2019 6:23 PM  
**To:** Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** URGENT ADHOC IACUC Meeting

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Please see the link of the DOODLE Poll calendar to indicate your availability.

Please indicate your date of choice prior to **COB Tomorrow!**

The link to the poll can be found [here](#).

If you are unable to access the link please send me an email promptly.

Best Regards,

Obtained by Rise for Animals. Uploaded 07/08/2020

Tricia

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**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 1:40 PM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

I am available in principle from next Tuesday onwards. Maybe best to do a doodle poll? Andreas

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**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:21 PM

**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

I am available until Wednesday.

Tricia

---

**From:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:03 PM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas H. Kottmann <[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)>; Gloria Callender <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar ( I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1059. This number had been assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
City College of New York  
Director of Animal Care Facility  
P-212-650-8515  
F-212-6507545  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)*

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 7, 2019 4:41 PM

**To:** Andreas H. Kottmann <[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)> <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

Obtained by Rise for Animals. Uploaded 07/08/2020

██████████@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
Cc: Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
Subject: IACUC Meeting August 14, 2019

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. [Please note that Read Receipts are being requested to document acknowledgment of DMR projects.](#)

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

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**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
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160 Convent Ave  
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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll  
**Sent time:** 08/23/2019 03:13:08 PM  
**To:** Tricia Mayhew-Noel; Harry Acosta; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: URGENT ADHOC IACUC Meeting

We should add Adrian's new protocols to the meeting next Thursday, since his active protocol 1000 expires 9/14/19. That would be in addition to 1058 (Schaffler) and 981 (now 1062) (Sircar). We can also add the Bioblitz protocol but it's probably too late since it was never submitted electronically and I think the program is over.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, August 22, 2019 10:30 AM  
**To:** Andreas Kottmann; Harry Acosta; Gloria Callender (gkcal@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: URGENT ADHOC IACUC Meeting

The doodle poll has been revised to include 8/29 and 8/30. If you've already responded please revise your availability, if not please take time to respond as soon as possible.

Thanks,  
Tricia

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 6:24 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com) [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** URGENT ADHOC IACUC Meeting  
**Importance:** High

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Best Regards,  
Tricia

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**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 1:40 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com) [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting August 14, 2019

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**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:21 PM

**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

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**Sent:** Wednesday, August 21, 2019 12:03 PM

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Respectfully

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F-212-6507545  
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**Sent:** Wednesday, August 7, 2019 4:41 PM

**To:** Andreas H. Kottmann (<[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)> <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>); Gloria Callender [REDACTED] <[REDACTED]@hotmail.com> [REDACTED] <[REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

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**AGENDA:**

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Tricia Mayhew-Noel, MS

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Division for Research  
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[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)  
<http://www.ccny.cuny.edu/irb/> (website)

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 02/11/2019 10:14:20 AM  
**To:** Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx  
**Attachments:** Amendment Breeding protocol 2019 Yoshioka for mice v1.doc signed page.pdf

---

Dear IACUC and Mr. Harry Acosta,

Please find attached files.

I would like to submit the amendment of my protocol #1015.

Major changes are highlighted as **Yellow**.

Basically, we need to add another related line of transgenic mice, which is supposed to be imported in July 2019.

The project has been approved and covered by my NIH grant.

Please let me know if you have a question.

Thank you.

Jun

*Jun Yoshioka, MD, PhD*

*Associate Medical Professor*

*Department of Molecular, Cellular & Biomedical Sciences*

*City University of New York (CUNY) School of Medicine*

*160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031*

*Phone: 212-650-7876*

*Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

**From:** Jun Yoshioka

**Sent:** Thursday, January 24, 2019 3:42 PM

**To:** Harry Acosta <hacosta007@ccny.cuny.edu>

**Cc:** Jun Yoshioka <jyoshioka@med.cuny.edu>

**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx

Hi Harry,

I have a question for you. It is related to my protocols# 1015 and 1016.

Sometime in July 2019, I expect incoming animals to your facility.

Currently, the transgenic animals covered under protocol# 1015 and 1016 are gene-modified models, and the name of gene is called TXNIP.

The incoming animals (in July 2019) are transgenic animals in which the homologue of this gene TXNIP is knocked out. Thus, basically I am investigating the same family of molecules. However, this homologue is encoded by a different gene called ARRDC4.

My question to you is that do I need to amend the protocols 1015 and 1016 now, in order to accept animals in your facility? Or, I can simply describe and explain it, when I submit the progress report.

Please let me know.

Thank you.

Jun Yoshioka

**From:** Steven Nicoll  
**Sent time:** 04/10/2019 12:14:48 AM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: Yoshioka December 18 animal usage invoice.xlsx  
**Attachments:** 1015.1A1, JY Amendment Breeding protocol 2019 for mice v1.doc

---

Dear Dr. Yoshioka,

In the proposed amendment (attached), it would seem that the additional strain should be listed as follows.

STRAIN NAME:   \_\_ TXNIP homologue (ARRDC4)-knockout-in genetically modified mice

Commercially Available                      yes ☐   no x  
Imported from Non Approved Vendor      yes ☐   no x

You seem to have incorrectly repeated the TXNIP knockout/in strain twice in section 1.B (highlighted in yellow).

Please confirm.

Thanks,  
Steve

---

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent:** Monday, February 11, 2019 10:14 AM  
**To:** Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee; Jun Yoshioka  
**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx

Dear IACUC and Mr. Harry Acosta,  
Please find attached files.  
I would like to submit the amendment of my protocol #1015.  
Major changes are highlighted as **Yellow**.  
Basically, we need to add another related line of transgenic mice, which is supposed to be imported in July 2019.  
The project has been approved and covered by my NIH grant.  
Please let me know if you have a question.  
Thank you.  
Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876  
Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

**From:** Jun Yoshioka  
**Sent:** Thursday, January 24, 2019 3:42 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Jun Yoshioka <jyoshioka@med.cuny.edu>

**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx

Hi Harry,

I have a question for you. It is related to my protocols# 1015 and 1016

Sometime in July 2019, I expect incoming animals to your facility.

Currently, the transgenic animals covered under protocol# 1015 and 1016 are gene-modified models, and the name of gene is called TXNIP.

The incoming animals (in July 2019) are transgenic animals in which the homologue of this gene TXNIP is knocked out. Thus, basically I am investigating the same family of molecules. However, this homologue is encoded by a different gene called ARRDC4.

My question to you is that do I need to amend the protocols 1015 and 1016 now, in order to accept animals in your facility? Or, I can simply describe and explain it, when I submit the progress report.

Please let me know.

Thank you.

Jun Yoshioka

**From:** Steven Nicoll  
**Sent time:** 04/10/2019 12:39:36 PM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** Re: Yoshioka December 18 animal usage invoice.xlsx

---

I have reviewed and approve the revised protocol 1015.1A1.

Thanks,  
Steve

---

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent:** Wednesday, April 10, 2019 11:31 AM  
**To:** Steven Nicoll; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee; Jun Yoshioka  
**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx

Dear Dr. Nicoll,  
You are right. It was my mistake. My apologies.  
I have now changed the name of mouse line in Section 1B (highlighted in **Red**).  
Please let me know if there is anything else that I can do.  
Best regards,  
Jun

---

**From:** Steven Nicoll [mailto:snicoll@ccny.cuny.edu]  
**Sent:** Wednesday, April 10, 2019 12:15 AM  
**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: Yoshioka December 18 animal usage invoice.xlsx

Dear Dr. Yoshioka,

In the proposed amendment (attached), it would seem that the additional strain should be listed as follows.

STRAIN NAME: \_\_\_ TXNIP homologue (ARRDC4)-knockout-in genetically modified mice

Commercially Available	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
Imported from Non Approved Vendor	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>

You seem to have incorrectly repeated the TXNIP knockout/in strain twice in section 1.B (highlighted in yellow).

Please confirm.

Thanks,  
Steve

---

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent:** Monday, February 11, 2019 10:14 AM  
**To:** Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee; Jun Yoshioka  
**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx

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Please find attached files.  
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Basically, we need to add another related line of transgenic mice, which is supposed to be imported in July 2019.  
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Email: [jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)*

**From:** Jun Yoshioka  
**Sent:** Thursday, January 24, 2019 3:42 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Cc:** Jun Yoshioka <[jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)>

**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx

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My question to you is that do I need to amend the protocols 1015 and 1016 now, in order to accept animals in your facility? Or, I can simply describe and explain it, when I submit the progress report.

Please let me know.

Thank you.

Jun Yoshioka

**From:** Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Sent time:** 04/10/2019 11:31:18 AM  
**To:** Steven Nicoll; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee; Jun Yoshioka <jyoshioka@med.cuny.edu>  
**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx  
**Attachments:** 1015.1A1, JY Amendment Breeding protocol 2019 for mice v2.doc

---

Dear Dr. Nicoll,  
You are right. It was my mistake. My apologies.  
I have now changed the name of mouse line in Section 1B (highlighted in **Red**).  
Please let me know if there is anything else that I can do.  
Best regards,  
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---

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**To:** Jun Yoshioka <jyoshioka@med.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: Yoshioka December 18 animal usage invoice.xlsx

Dear Dr. Yoshioka,

In the proposed amendment (attached), it would seem that the additional strain should be listed as follows.

STRAIN NAME:   \_\_ TXNIP homologue (ARRDC4)-knockout-in genetically modified mice

Commercially Available	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>
Imported from Non Approved Vendor	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>

You seem to have incorrectly repeated the TXNIP knockout/in strain twice in section 1.B (highlighted in yellow).

Please confirm.

Thanks,  
Steve

---

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**Sent:** Monday, February 11, 2019 10:14 AM  
**To:** Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee; Jun Yoshioka  
**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx

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The project has been approved and covered by my NIH grant.  
Please let me know if you have a question.  
Thank you.  
Jun

*Jun Yoshioka, MD, PhD  
Associate Medical Professor  
Department of Molecular, Cellular & Biomedical Sciences  
City University of New York (CUNY) School of Medicine  
160 Convent Avenue, Harris Hall, Room 205M, New York, NY 10031  
Phone: 212-650-7876*

**From:** Jun Yoshioka

**Sent:** Thursday, January 24, 2019 3:42 PM

**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Cc:** Jun Yoshioka <[jyoshioka@med.cuny.edu](mailto:jyoshioka@med.cuny.edu)>

**Subject:** RE: Yoshioka December 18 animal usage invoice.xlsx

Hi Harry,

I have a question for you. It is related to my protocols# 1015 and 1016.

Sometime in July 2019, I expect incoming animals to your facility.

Currently, the transgenic animals covered under protocol# 1015 and 1016 are gene-modified models, and the name of gene is called TXNIP.

The incoming animals (in July 2019) are transgenic animals in which the homologue of this gene TXNIP is knocked out. Thus, basically I am investigating the same family of molecules. However, this homologue is encoded by a different gene called ARRDC4.

My question to you is that do I need to amend the protocols 1015 and 1016 now, in order to accept animals in your facility? Or, I can simply describe and explain it, when I submit the progress report.

Please let me know.

Thank you.

Jun Yoshioka

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent time:** 08/27/2019 03:59:18 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nycu.edu>  
**Subject:** Re: [EXTERNAL] BioBlitz IACUC Application

---

Thanks, Steve! We don't need it until the 7th. Let me know if there's anything else I can provide!  
Thank you!  
Kelly

On Aug 23, 2019, at 6:35 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Kelly,  
Since you don't need it until Sept. 7, we will review it next week on Aug 29th (unless you need it before then).

Thanks,  
Steve

---

**From:** Kelly O'Donnell <[Kelly.ODonnell@mhc.cuny.edu](mailto:Kelly.ODonnell@mhc.cuny.edu)>  
**Sent:** Friday, August 23, 2019 4:19 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: [EXTERNAL] Re: BioBlitz IACUC Application

Here it is. I'm sending the Word file with yellow highlights on what I've changed for this year (including updating the dates and years of experience in the personnel). Since this is a Word file, I couldn't sign it, so I scanned my signature in as an image and inserted it. Let me know if you'd like me to do this a different way. Again, my apologies for this.

Thank you so much!  
Kelly

**From:** Steven Nicoll  
**Sent time:** 04/10/2019 08:57:06 PM  
**To:** Lingyan Shi [REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: [EXTERNAL] Fwd: Urgent! Protocol 1003A, Location listed on IACUC protocol-MOU  
**Attachments:** MOU CCNY MSKCC 4 10 19.pdf

---

Dear Dr. Shi,

Please find the signed MOU between CCNY and MSKCC for work under approved CCNY IACUC protocol 1003. I believe it may still require the signature of the IACUC Chair at MSKCC.

Thanks,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Sent:** Tuesday, March 5, 2019 11:30 AM  
**To:** Steven Nicoll; Ingrid Moore; Harry Acosta  
**Subject:** [EXTERNAL] Fwd: Urgent! Protocol 1003A, Location listed on IACUC protocol-MOU

Dear Ingrid, Harry, Dr. Nicoll,

Hope all is well.

The animal protocol 1003A you approved a while ago needs a signed MOU for animal from MSKCC to be imaged in CCNY cdi building.

Attached are two files from IACUC mskcc for you to sign the MOU.

Could you sign it for us so we can conduct the experiments?

Thank you.

Best,

Lingyan

Begin forwarded message:

**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Date:** February 25, 2019 at 4:24:06 PM EST  
**To:** StevenNicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, [imoore@ccny.cuny.edu](mailto:imoore@ccny.cuny.edu)>, [hacosta@ccny.cuny.edu](mailto:hacosta@ccny.cuny.edu)>  
**Subject:** Urgent! Protocol 1003A, Location listed on IACUC protocol-MOU

<[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Subject: Urgent! Location listed on IACUC protocol-MOU**

Dear Ingrid, Dr. Nicoll, Harry,

We need a signed MOU for animal from MSKCC to be imaged in CCNY cdi building.

Attached are two files from IACUC mskcc for you to sign the MOU.

Can you sign it ASAP so we can conduct the experiments?

Thank you.

Best,

Lingyan

Begin forwarded message:

**From:** Lingyan Shi [REDACTED]@gmail.com>

**Date:** December 6, 2018 at 11:18:58 PM EST

**To:** StevenNicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, [imoore@ccny.cuny.edu](mailto:imoore@ccny.cuny.edu), Harry Acosta  
<[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Subject: Urgent! Location listed on IACUC protocol-MOU**

Dear Prof. Nicoll, Ingrid, and Harry,

Hope all is well. I received a MOU request from MSKCC IACUC that they want us to sign the attached document and return it to them ASAP. The location I imaged the mice was CDI building of CCNY.

Can you sign the attached document? So I can return it to Mskcc

Thank you.

Lingyan

Begin forwarded message:

**From:** Lingyan Shi [REDACTED]@gmail.com>

**Date:** November 1, 2018 at 4:35:16 PM EDT

**To:** StevenNicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, Ingrid Moore <[imoore@ccny.cuny.edu](mailto:imoore@ccny.cuny.edu)>, Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Subject: Fwd: Re: Location listed on IACUC protocol-MOU**

Dear Prof. Nicoll, Ingrid, and Harry,

Hope all is well.

I received a MOU request from MSKCC IACUC that they want us to sign the attached document and return it to them ASAP. They need it because I am using the mice transported from MSKCC. The location I imaged the mice is CDI building of CCNY.

It would be great if you could sign the enclosed MOU document. I also attached my protocol approval letter.

Thank you!  
Kind regards,  
Lingyan

On Wed, Oct 31, 2018 at 1:00 PM <[stackt@mskcc.org](mailto:stackt@mskcc.org)> wrote:

Dear Dr. Shi:

Part 1 of the form needs to be completed and the form should be signed by an IACUC Chair, AV, IACUC Director or IO. Can you please revise and send us once completed?

Thank you,  
Tracy



Memorial Sloan Kettering  
Cancer Center

**The Institutional Animal Care and Use Committee  
Memorandum of Understanding between the Memorial Sloan Kettering Cancer  
Center IACUC and a collaborating Institution/entity**

1. Name of collaborating Institution/ Organization/ Entity providing IACUC Review and Oversight:
  - a. Collaborating Institution:
  - b. PHS Assurance Number (approved by OLAW):
  - c. AAALAC Unit Number:
  - d. USDA Registration Number:
2. Institution relying on the collaborator for IACUC review and oversight of animal activity:
  - a. Name Institution B: Memorial Sloan Kettering Cancer Center (MSK)
  - b. PHS Assurance Number (approved by OLAW): D16-00199 (A3311-01)
  - c. AAALAC Unit Number: 105
  - d. USDA Registration Number: 21-R-0072
  - e. Protocol #: 16-12-015
3. The Officials signing below agree that MSK may rely on the collaborating IACUC for review and continuing oversight of its animal subject research described below.
4. This agreement is limited to the following specific protocol(s):
 

Early Diagnosis of triple negative breast cancer by Raman Spectroscopy and Multiphoton microscopy

  - a) Protocol Title:
  - b) Investigator: Jason Koutcher and Lingyan Shi
  - c) Institutional Protocol Number: 1003

The IACUC at the collaborating institution will oversee the project referenced above. If any animal welfare concerns or protocol noncompliance are noted, the IACUC will provide a summary of the issue to the IACUC at MSK at [IACUC@MSKCC.ORG](mailto:IACUC@MSKCC.ORG).

**Collaborating Institution:**

Print Full Name: Lingyan Shi

Institutional Title: Principal investigator

Phone #: 2126505331

Fax #:

Email Address: [lshi00@citymail.cuny.edu](mailto:lshi00@citymail.cuny.edu)

Signature of Representative\*: 

Date: October 31, 2018

**MSK:**

Print Full Name: Andrew Nicholson, DVM, PhD

Institutional Title: IACUC Chair

Phone #: 646-962-2981

Fax#: 646.888.1120

Email Address: [nicholsa@mskcc.org](mailto:nicholsa@mskcc.org)

**MSK Institutional Animal Care and Use Committee**

Research and Technology Management  
[IACUC@mskcc.org](mailto:IACUC@mskcc.org)

600 Third Avenue, New York, NY 10016 T 646.888.1083 F 646.888.1120  
[www.mskcc.org](http://www.mskcc.org)

NCI-designated Comprehensive Cancer Center

Signature of Representative\*: \_\_\_\_\_ Date: \_\_\_\_\_

The City College of New York:

Print Full Name: Steven B. Nicoll, Ph.D.

Institutional Title: IACUC Chair

Phone #: 212-650-6237

Fax#: 212-650-6727

Email Address: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

Signature of Representative\*:  Date: April 10, 2019

\* Signatories should be an IACUC Chair, AV, IACUC Director or IO.

**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Sent time:** 04/10/2019 10:31:25 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: [EXTERNAL] Fwd: Urgent! Protocol 1003A, Location listed on IACUC protocol-MOU

---

Thank you so much Dr. Nicoll!

I will send it to mskcc IACUC immediately.

Best,

Lingyan

On Apr 10, 2019, at 8:57 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Dear Dr. Shi,

Please find the signed MOU between CCNY and MSKCC for work under approved CCNY IACUC protocol 1003. I believe it may still require the signature of the IACUC Chair at MSKCC.

Thanks,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Sent:** Tuesday, March 5, 2019 11:30 AM  
**To:** Steven Nicoll; Ingrid Moore; Harry Acosta  
**Subject:** [EXTERNAL] Fwd: Urgent! Protocol 1003A, Location listed on IACUC protocol-MOU

Dear Ingrid, Harry, Dr. Nicoll,

Hope all is well.

The animal protocol 1003A you approved a while ago needs a signed MOU for animal from MSKCC to be imaged in CCNY cdi building.

Attached are two files from IACUC mskcc for you to sign the MOU.

Could you sign it for us so we can conduct the experiments?

Thank you.

Best,

Lingyan

Begin forwarded message:

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**Date:** February 25, 2019 at 4:24:06 PM EST  
**To:** StevenNicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, [imoore@ccny.cuny.edu](mailto:imoore@ccny.cuny.edu), Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Subject:** Urgent! Location listed on IACUC protocol-MOU

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Dear Prof. Nicoll, Ingrid, and Harry,

Hope all is well. I received a MOU request from MSKCC IACUC that they want us to sign the attached document and return it to them ASAP. The location I imaged the mice was CDI building of CCNY.

Obtained by Rise for Animals. Uploaded 07/08/2020

Can you sign the attached document? So I can return it to Mskcc

Thank you.

Lingyan

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**Date:** November 1, 2018 at 4:35:16 PM EDT

**To:** StevenNicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>, Ingrid Moore  
<[imoore@ccny.cuny.edu](mailto:imoore@ccny.cuny.edu)>, Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Subject:** Fwd: Re: Location listed on IACUC protocol-MOU

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Dear Dr. Shi:

Part 1 of the form needs to be completed and the form should be signed by an IACUC Chair, AV, IACUC Director or IO. Can you please revise and send us once completed?

Thank you,

Tracy

<MOU CCNY MSKCC 4 10 19.pdf>

**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Sent time:** 08/19/2019 11:49:19 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Robert Alfano; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: [EXTERNAL] Re: Animal protocol submission

---

Hi Dr. Nicoll,

Thank you so much for letting me know.

We will find a solution and let you know.

Best,

Lingyan

On Mon, Aug 19, 2019 at 11:36 AM Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Lingyan,

There is an issue with the protocol since you are now at UCSD and no longer at CCNY, or listed in the protocol. Dr. Alfano is not trained in animal research and you cannot have a protocol in which the personnel performing the research are listed as "TBD". You need to have an individual listed in the protocol who is trained and available to do the animal research at CCNY. Until this is resolved, we cannot review and approve the protocol.

Thanks,

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Sent:** Monday, August 19, 2019 11:22 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Robert Alfano  
**Subject:** [EXTERNAL] Re: Animal protocol submission

Dear Dr Nicoll,

I submitted an animal protocol a few weeks ago.

Hope you have received it. Please feel free to let me know if I need to provide further information.

Obtained by Rise for Animals. Uploaded 07/08/2020

I am looking forward to hearing back from you.

Thank you.

Best,

Lingyan

Is the

On Mon, Jul 29, 2019 at 1:09 PM Lingyan Shi [REDACTED]@gmail.com> wrote:

Dear Dr. Nicoll,

We are submitting the attached new animal protocol for approval for our Triple negative breast cancer research. Our collaborator from MSKCC will transport mice to CCNY. We will imaging the mice in CDI building.

Please feel free to contact us if you have any question.

Thank you.

Best wishes,

Lingyan

**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Sent time:** 08/23/2019 04:04:23 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Robert Alfano; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Karen Hubbard  
**Subject:** Re: [EXTERNAL] Re: Animal protocol submission  
**Attachments:** IACUC-\_2019\_08.pdf

---

Hi Dr. Nicoll,

Professor Karen Hubbard in biology department will take over the mice protocol PI role.  
The attached is the updated protocol with researcher's name determined.

Please let me know if you have any questions.

We hope the protocol can be reviewed ASAP. So CCNY research group can proceed with the experiments.

Thank you.

Best,

Lingyan

On Mon, Aug 19, 2019 at 11:36 AM Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

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**Sent:** Monday, August 19, 2019 11:22 AM  
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**Cc:** Harry Acosta; Robert Alfano  
**Subject:** [EXTERNAL] Re: Animal protocol submission

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Please feel free to contact us if you have any question.

Thank you.

Best wishes,

Lingyan

--

Lingyan Shi, Ph.D.

Assistant Professor

Laboratory of Optical Bioimaging and Spectroscopy

Department of Bioengineering, UCSD

9500 Gilman Drive, MC 0412

La Jolla, CA 92093-0412

[Lingyanshi@ucsd.edu](mailto:Lingyanshi@ucsd.edu)

Phone: 858-246-5493

Profile page: [https://www.jacobsschool.ucsd.edu/faculty/faculty\\_bios/index.sfe?fmp\\_recid=487](https://www.jacobsschool.ucsd.edu/faculty/faculty_bios/index.sfe?fmp_recid=487)

Lab Web: <https://shi.eng.ucsd.edu/>

**From:** Steven Nicoll  
**Sent time:** 08/19/2019 11:36:22 AM  
**To:** Lingyan Shi [REDACTED]@gmail.com>; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Robert Alfano; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: [EXTERNAL] Re: Animal protocol submission

---

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There is an issue with the protocol since you are now at UCSD and no longer at CCNY, or listed in the protocol. Dr. Alfano is not trained in animal research and you cannot have a protocol in which the personnel performing the research are listed as "TBD". You need to have an individual listed in the protocol who is trained and available to do the animal research at CCNY. Until this is resolved, we cannot review and approve the protocol.

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Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

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Is the

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Please feel free to contact us if you have any question.

Thank you.

Best wishes,

Lingyan

**From:** Steven Nicoll  
**Sent time:** 08/23/2019 06:35:10 PM  
**To:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: [EXTERNAL] Re: BioBlitz IACUC Application

---

Hi Kelly,

Since you don't need it until Sept. 7, we will review it next week on Aug 29th (unless you need it before then).

Thanks,  
Steve

---

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent:** Friday, August 23, 2019 4:19 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: [EXTERNAL] Re: BioBlitz IACUC Application

Here it is. I'm sending the Word file with yellow highlights on what I've changed for this year (including updating the dates and years of experience in the personnel). Since this is a Word file, I couldn't sign it, so I scanned my signature in as an image and inserted it. Let me know if you'd like me to do this a different way. Again, my apologies for this.

Thank you so much!  
Kelly

**From:** Steven Nicoll  
**Sent time:** 08/23/2019 03:50:30 PM  
**To:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: [EXTERNAL] Re: BioBlitz IACUC Application

---

Yes, please send the amended protocol to me with the changes highlighted in the protocol. I should be able to approve the changes today since they are minor and don't require full committee review.

Thanks,  
Steve

Sent from my iPhone

On Aug 23, 2019, at 3:43 PM, "Kelly O'Donnell" <[Kelly.ODonnell@mhc.cuny.edu](mailto:Kelly.ODonnell@mhc.cuny.edu)> wrote:

Hi Steve,

I do apologize for my mistake in forgetting to send the electronic version. The methods/purpose/description is the same as last year, but yes, the location and dates have changed (this means the name has changed as well because the name always has the year and location in it). The personal are the same as last year. Would I be able to send those amendments right now and if so, what is the best way to get them to you? Should I highlight them in the IACUC form?

Thank you so much,  
Kelly

On Aug 23, 2019, at 3:18 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Kelly,

The protocol was not reviewed since it wasn't submitted electronically through the IACUC email. Technically, the protocol is still active but you could make minor amendments (i.e., change the location and personnel as needed). Do you still need the protocol reviewed or amended?

Let me know,  
Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
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Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Kelly O'Donnell <[Kelly.ODonnell@mhc.cuny.edu](mailto:Kelly.ODonnell@mhc.cuny.edu)>  
**Sent:** Wednesday, August 7, 2019 4:52 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] BioBlitz IACUC Application

Hi Mr. Acosta,

I was just writing to you to ask if the committee ever reviewed the 2019 BioBlitz protocol application and I discovered that I never sent you an electronic copy after I dropped off the paper ones in June! I cannot believe that I did this. I'm so sorry. Is there any chance that the committee reviewed the application anyway?

Thank you,  
Kelly

Kelly L. O'Donnell, PhD  
Director of Science Forward

Macaulay Honors College  
The City University of New York  
35 West 67th Street  
New York, New York 10023  
(212) 729-2924  
<http://cuny.is/scienceforward>

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent time:** 08/23/2019 04:19:59 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** Re: [EXTERNAL] Re: BioBlitz IACUC Application  
**Attachments:** Initial Protocol Application Form 2017 Macaulay Honors College 2019 BioBlitz with highlighted changes.docx ATT00001.htm

---

Here it is. I'm sending the Word file with yellow highlights on what I've changed for this year (including updating the dates and years of experience in the personnel). Since this is a Word file, I couldn't sign it, so I scanned my signature in as an image and inserted it. Let me know if you'd like me to do this a different way. Again, my apologies for this.

Thank you so much!  
Kelly

ATT000001.htm

On Aug 23, 2019, at 3:50 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Yes, please send the amended protocol to me with the changes highlighted in the protocol. I should be able to approve the changes today since they are minor and don't require full committee review.

Thanks,  
Steve

Sent from my iPhone

On Aug 23, 2019, at 3:43 PM, "Kelly O'Donnell" <[Kelly.ODonnell@mhc.cuny.edu](mailto:Kelly.ODonnell@mhc.cuny.edu)> wrote:

Hi Steve,

I do apologize for my mistake in forgetting to send the electronic version. The methods/purpose/description is the same as last year, but yes, the location and dates have changed (this means the name has changed as well because the name always has the year and location in it). The personal are the same as last year. Would I be able to send those amendments right now and if so, what is the best way to get them to you? Should I highlight them in the IACUC form?

Thank you so much,  
Kelly

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Let me know,  
Steve

Steven B. Nicoll, Ph.D.  
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---

**From:** Kelly O'Donnell <[Kelly.ODonnell@mhc.cuny.edu](mailto:Kelly.ODonnell@mhc.cuny.edu)>  
**Sent:** Wednesday, August 7, 2019 4:52 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] BioBlitz IACUC Application

Hi Mr. Acosta,

I was just writing to you to ask if the committee ever reviewed the 2019 BioBlitz protocol application and I discovered that I never sent you an electronic copy after I dropped off the paper ones in June! I cannot believe that I did this. I'm so sorry. Is there any chance that the committee reviewed the application anyway?

Thank you,  
Kelly

Kelly L. O'Donnell, PhD  
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35 West 67th Street  
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(212) 729-2924  
<http://cuny.is/scienceforward>

**From:** Shireen Saleque  
**Sent time:** 12/10/2018 12:31:27 PM  
**To:** Institutional Animal Care and Use Committee; Harry Acosta  
**Subject:** Saleque IACUC protocol  
**Attachments:** Saleque Animal Protocol 2018.docx

---

Hello Harry and IACUC committee,  
attached please find my new IACUC application. Thank you,  
Shireen Saleque.

**From:** Adrian Rodriguez Contreras  
**Sent time:** 10/18/2018 04:22:26 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Small change in protocol 1000.1  
**Attachments:** 1000.1 AR-C Renewal-Form\_2017-2018 revised\_101818.docx

---

Dear members of IACUC,

I would like to make a small amendment to a previous request to renew and modify animal protocol 1000.1

The small addition is that we want to flip the light cycle to have lights off at 7 am and lights on at 7 pm so that our students can make more observations during the dark part of the cycle.

See below and attached file.

Thank you,

Adrian

We would like to implement a change in the way animals are maintained for every year of funding. In the past we have purchased 40 dams and 20 males for each of the 3 experiments conducted every year. We realize that we can optimize the project budget by purchasing 40 dams and 20 males only one time instead of three times. Since the pups we use in experiments come from a selection of litters (around 4 to 6 litters) we have plenty of pups that can be reused for breeding. So we propose to wean 40 dams and 20 males from the non-selected litters to continue experiments 2 and 3 throughout the funding year. We will wean 2 dams and one male from 20 litters that will be randomly chosen from the group of non-selected litters used in the study. Animals will be housed in trios from P21 to P40 and then females and males will be housed in pairs. Breeding will be done when animals are P75-P80. One male will be bred with two females and males used for breeding will not be littermates of the females. An advantage of this change in protocol is that we will have more control over the background of rats used in experiments. A second change that we will implement is the culling of litters to eight pups per litter (4 females and 4 males). This will also help us keep the number of pups constant to avoid litter size confounds that cannot be excluded from the current experimental design. With these changes we will continue with the same experimental use of the pups which consists in measuring their auditory development as specified in the original protocol. We will also perform cross fostering experiments between selected litters, as has been described in previously approved versions of the protocol. The last change we request is to flip the light cycle so that we can make 3 observations at the start, in the middle and near the end of the dark stage of the cycle. We propose to switch lights off at 7 am and switch lights on at 7 pm. Animals will be adapted to the new light cycle a week prior to start of the breeding for experiments.

**From:** Linda Spatz <lspatz@med.cuny.edu>  
**Sent time:** 03/17/2019 08:53:32 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Steven Nicoll  
**Subject:** Spatz protocol, 1028 renewal  
**Attachments:** 2019.Spatz. IACUC-Protocol-Renewal-Form.docx

---

Dear IACUC,

I am sending you a renewal protocol. Please acknowledge receipt. I was just wondering whether this renewal needs to be reviewed when the IACUC committee reconvenes next month or can an expedited review be done by E-mail. I would appreciate if you could please let me know. Thanks for your response.

Sincerely,

Linda Spatz

Linda Spatz, Ph.D.  
Interim Deputy Dean of Research  
CUNY School of Medicine  
The City College of New York  
212-650-7703

**From:** Adrian Rodriguez Contreras  
**Sent time:** 10/18/2018 04:21:07 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** Update protocol 1000

---

Dear members of IACUC,

I would like to make a small amendment to a previous request to renew and modify animal protocol 1000.1

The small addition is that we want to flip the light cycle to have lights off at 7 am and lights on at 7 pm so that our students can make more observations during the dark part of the cycle.

See below.

Thank you,

Adrian

**We would like to implement a change in the way animals are maintained for every year of funding. In the past we have purchased 40 dams and 20 males for each of the 3 experiments conducted every year. We realize that we can optimize the project budget by purchasing 40 dams and 20 males only one time instead of three times. Since the pups we use in experiments come from a selection of litters (around 4 to 6 litters) we have plenty of pups that can be reused for breeding. So we propose to wean 40 dams and 20 males from the non-selected litters to continue experiments 2 and 3 throughout the funding year. We will wean 2 dams and one male from 20 litters that will be randomly chosen from the group of non-selected litters used in the study. Animals will be housed in trios from P21 to P40 and then females and males will be housed in pairs. Breeding will be done when animals are P75-P80. One male will be bred with two females and males used for breeding will not be littermates of the females. An advantage of this change in protocol is that we will have more control over the background of rats used in experiments. A second change that we will implement is the culling of litters to eight pups per litter (4 females and 4 males). This will also help us keep the number of pups constant to avoid litter size confounds that cannot be excluded from the current experimental design. With these changes we will continue with the same experimental use of the pups which consists in measuring their auditory development as specified in the original protocol. We will also perform cross fostering experiments between selected litters, as has been described in previously approved versions of the protocol. The last change we request is to flip the light cycle so that we can make 3 observations at the start, in the middle and near the end of the dark stage of the cycle. We propose to switch lights off at 7 am and switch lights on at 7 pm. Animals will be adapted to the new light cycle a week prior to start of the breeding for experiments.**

**From:** Bao Vuong  
**Sent time:** 04/23/2019 05:03:19 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Nicholas Rienzi; Richard Belgrave  
**Subject:** Updated animal protocol 1055  
**Attachments:** BQVuong Protocol 1055\_revised041519.pdf Re\_ Protocols 956.3 and 961.3 - Bao Vuong.pdf

---

To whom it may concern:

Please find attached my revised animal protocol 1055.

I have amended the animal protocol based on comments that were sent to me earlier this month. The comments (in bold) and my responses are listed below:

**1. Where is the H1N1 virus prepared prior to injection? Animal staff and personnel should take proper precautions.**

I have included the following passage on page 14 to specify where the H1N1 is prepared prior to injection: "PR8 is a mouse adapted strain of influenza A H1N1 (Journal of Virology 88:4047). This strain of influenza has not been shown to infect humans. Biosafety standard operating procedures (SOP), which includes appropriate PPE (personal protective equipment), will be followed according to guidelines approved by the Office of Environmental Health and Occupational Safety (EHOS). The H1N1 virus will be prepared in biosafety cabinets in the Vuong laboratory (CDI 2.117). Wild-type and knockout mice will be anesthetized with isoflurane and infected intranasally with 100 to 500 PFU in biosafety cabinets in the Marshak animal facility (Room 113A)."

**2. P. 14, it states "mice will be monitored on a daily basis for signs of severe illness..." and on P. 15, in known or expected adverse events, it states "Animals will be monitored weekly after infection, immunization, or cheek bleeds for signs of distress..." Animals should be monitored daily rather weekly, and this discrepancy should be reconciled in the text.**

I have revised the sentence on page 15 to specify that "Animals will be monitored daily after infection, immunization, or cheek bleeds for signs of distress..."

**3. P. 15, section 5.a, remove "anti-fungal, or anti-viral medication" as these agents are not typically administered. The water and bedding may be autoclaved for precaution.**

I have removed "anti-fungal, or anti-viral medication" on page 15. I have not added a sentence specifying that water and bedding may be autoclaved because the animal facility provides sterilized water and bedding after cleaning the dirty cages.

**4. Biosafety approval is required before work can be initiated.**

Biosafety approval was obtained in April 2018. Richard Belgrave had previously informed me that the Biosafety committee approval letter was sent directly to IACUC. I have attached a previous email that was sent to IACUC regarding this approval. Nicholas Rienzi informed me today that a new SOP does not need to be filed for the use of H1N1. Both Richard and Nicholas are copied on this email.

Please advise if you require any additional documents to process this animal protocol.

Best regards,  
Bao

Bao Q. Vuong, PhD  
Assistant Professor  
Department of Biology  
The Graduate Center and City College of New York  
City University of New York  
160 Convent Ave.  
Marshak 526  
New York, NY 10031

office: 212-650-8563

lab: 212-650-8572

<http://www.vuonglab.org>

# Re: Protocols 956.3 and 961.3

Bao Vuong

Wed 4/25/2018 5:26 PM

To: Steven Nicoll <snicoll@ccny.cuny.edu>;

Cc: Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Richard Belgrave <rbelgrave@ccny.cuny.edu>;

 1 attachment

BQVuong Protocol 956\_042518.docx;

Dear Steve,

Please find attached my revised animal protocol 956.3, which specifies time points after infection when animals will be euthanized. The edits are highlighted in yellow on page 14.

I spoke with Richard Belgrave today regarding Biosafety Committee approval of the use of influenza PR8. He informed me that the protocol has been approved and the letter of approval will be sent to IACUC.

Please let me know if you require any additional documentation to approve this animal protocol.

Best regards,  
Bao

---

**From:** Steven Nicoll

**Sent:** Saturday, April 14, 2018 11:40 PM

**To:** Bao Vuong

**Cc:** Institutional Animal Care and Use Committee; Harry Acosta; Tricia Mayhew-Noel

**Subject:** Protocols 956.3 and 961.3

Dear Dr. Vuong

Please find the attached IACUC letters regarding its review of the subject protocols.

Sincerely,

Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431

4/23/2019

Re: Protocols 956.3 and 961.3 - Bao Vuong

160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

**From:** Tricia Mayhew-Noel  
**Sent time:** 08/21/2019 06:23:37 PM  
**To:** Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Andreas Kottmann <AKottmann@med.cuny.edu>; Harry Acosta; Kaliris Salas; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave; Steven Nicoll; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** URGENT ADHOC IACUC Meeting

---

Dear IACUC Members,

It is urgent that we schedule an IACUC Meeting as soon as possible.

Please see the link of the DOODLE Poll calendar to indicate your availability.

Please indicate your date of choice prior to **COB Tomorrow!**

The link to the poll can be found [here](#).

If you are unable to access the link please send me an email promptly.

Best Regards,  
Tricia

---

**From:** Andreas Kottmann <AKottmann@med.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 1:40 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am available in principle from next Tuesday onwards. Maybe best to do a doodle poll? Andreas

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 12:21 PM  
**To:** Harry Acosta <hacosta007@ccny.cuny.edu>; Andreas Kottmann <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am available until Wednesday.  
Tricia

---

**From:** Harry Acosta <hacosta007@ccny.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 12:03 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar ( I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1030. This number had been

assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 7, 2019 4:41 PM

**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[\[REDACTED\]@hotmail.com](mailto:[REDACTED]@hotmail.com)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[\[REDACTED\]@gmail.com](mailto:[REDACTED]@gmail.com)>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** IACUC Meeting August 14, 2019

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. [Please note that Read Receipts are being requested to document acknowledgment of DMR projects.](#)

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)



Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
 City College of New York  
 Division for Research  
 Shepard Hall Room 108B  
 160 Convent Ave  
 New York, NY 10031  
 1-212-650-7902 (phone)  
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<http://www.ccny.cuny.edu/irb/> (website)

**From:** Misty L Touchette <mltouche@syr.edu>  
**Sent time:** 04/10/2019 08:44:45 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] AALAS QUAD Symposium May 2-3 in Mashantucket, CT at Foxwoods

Good Morning,

Join us for a phenomenal regional lab animal science CE opportunity, the 18<sup>th</sup> annual QUAD AALAS in Mashantucket, CT at the beautiful Foxwoods Resort & Casino May 2-3. Four tasty meals and a welcome reception are included in this 1.5-day knowledge packed symposium.

<https://quadaalas.wildapricot.org/>

Mini-Management: Only a few seats remain in our popular \$60 Mini-Management offering. It begins right after the QUAD Symposium ends on Friday, 5/3 and runs from 12:00pm-4:45pm. (Luggage can be left at the bell hop for free.) Morag Mackay is the current National AALAS president will speak about Diversity in the Workplace. Past AALAS president and current AAALAC council member Scott Mischler's topic is "My Favorite Critical Skills for the Motivated Leader". Visit QUAD's website to see the other Mini-Management speakers.

Stay for the full offerings or pop in for 1 day!

Both days	Thursday Only	Friday AM Only
\$230	\$205	\$130

	QUAD Speakers
May 2nd	<b>Gary Borkowski</b> "Work-Life Balance – Do I have it? Do I want it?"
	<b>Jeffery Mogil</b> "Pain in Mice and Man: Ironical Adventures in Translation"
	<b>Bob MacGregor</b> "The Destruction and Rebuilding of Cayo Santiago (Monkey Island) After hurricane Maria"
	<b>Kristina Carter Bartley</b> "Innovative and Strategic Solutions to Troubleshoot Your Enrichment Program"
	<b>Karen Strait</b> "Pigs and sheep and cows, oh my! Medical device development in large animal models"
May 3rd	<b>Freddy De La Garza</b> "Swine Training Program Enhances Animal Welfare and Research Efficiency"
	<b>Emily Nielsen</b> "Retiring Research Companion Animals: What you need to know about the laws and partnering with a rescue organization"
	<b>Jenn Asher</b> "When Two Become One: Refinements in Parabiosis"

Hope to see you there!  
Misty

*(QUAD Committee Volunteer)*

**Misty Touchette, LVT**  
Lab Animal Facilities Manager/IACUC Administrator

Obtained by Rise for Animals. Uploaded 07/08/2020

Lab Animal Resources

T 315.443.1690 M 315.657.2550

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**Office of Research**  
Syracuse University

**From:** Alessandra Carriero [REDACTED]@gmail.com>  
**Sent time:** 03/19/2019 03:44:20 PM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta  
**Subject:** [EXTERNAL] Addendum protocol 1018  
**Attachments:** Carriero\_Initial Protocol\_Addendum.docx

---

Dear IACUC committee,

I would like to add an addendum to the IACUC protocol 1018 under my name. one of the female mice under treatment was mistakenly put in the cage with other males and got pregnant. I would like to use the pups to investigate the effect of the drug on the pups (N=3). The addendum reads as the follow and I have put it at the very end of the IACUC protocol 1018 here attached. Thank you,

Alessandra

**ADDENDUM:** One female mouse was mistakenly put in the cage with male mice and got pregnant. She has been treated with bisphosphonates (BT) till before delivery and after, and her pups (N=3) will be sacrifice at 4 w.o. to detect any effects of BT treated mum on the pups.

**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Sent time:** 07/29/2019 01:09:46 PM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Tricia Mayhew-Noel; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>; Robert Alfano  
**Subject:** [EXTERNAL] Animal protocol submission  
**Attachments:** IACUC-Lingyan\_2019\_July\_TNBC.pdf

---

Dear Dr. Nicoll,

We are submitting the attached new animal protocol for approval for our Triple negative breast cancer research. Our collaborator from MSKCC will transport mice to CCNY. We will imaging the mice in CDI building.

Please feel free to contact us if you have any question.

Thank you.

Best wishes,

Lingyan

**From:** Winnifred Bailey <info@wildcardtranscription.info>  
**Sent time:** 02/14/2019 04:18:01 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Audio Transcription Service Provider

---

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Regards,  
Winnifred Bailey

**From:** Winnifred Bailey <info@wildcardtranscription.info>  
**Sent time:** 02/14/2019 04:18:01 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Audio Transcription Service Provider

---

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Regards,  
Winnifred Bailey

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent time:** 08/07/2019 04:52:29 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] BioBlitz IACUC Application  
**Attachments:** Initial Protocol Application Form 2017 Macaulay Honors College 2019 BioBlitz signed.pdf ATT00001.htm

---

Hi Mr. Acosta,

I was just writing to you to ask if the committee ever reviewed the 2019 BioBlitz protocol application and I discovered that I never sent you an electronic copy after I dropped off the paper ones in June! I cannot believe that I did this. I'm so sorry. Is there any chance that the committee reviewed the application anyway?

Thank you,  
Kelly

Kelly L. O'Donnell, PhD  
Director of Science Forward

Macaulay Honors College  
The City University of New York  
35 West 67th Street  
New York, New York 10023  
(212) 729-2924  
<http://cuny.is/scienceforward>

**From:** Little Hotelier <info@littlehotelier.com>  
**Sent time:** 02/12/2019 10:01:25 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Do you know which countries have the most travelers heading to the United States?

---



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## Do you know which countries have the most travelers heading to the United States?

We've compiled a list:

1. Canada
2. Mexico
3. United Kingdom
4. Japan
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**From:** CBRA - Cal Bio <abanks@ca-biomed.org>  
**Sent time:** 03/11/2019 03:39:02 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Navigating the AAALAC Accreditation Process Webinar

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**April 9, 2019 ~ 10:00AM (PST)**

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**Marc S. Hulin, DVM, DACLAM**  
**Executive Director, Veterinary Sciences & Institutional Official**  
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**From:** Limary Cancel [REDACTED]@yahoo.com>  
**Sent time:** 03/06/2019 10:40:46 AM  
**To:** Institutional Animal Care and Use Committee  
**Cc:** Marwa M Mahmoud  
**Subject:** [EXTERNAL] New animal protocol - Tarbell Lab  
**Attachments:** Tarbell-New Protocol-GPC1-age\_030619.pdf

---

Hi,

Attached please find a new protocol submission from Prof. Tarbell's lab.

Thanks,

Limary

Limary M. Cancel, Ph.D.  
Research Associate  
The Wallace Coulter Laboratory for  
Cardiovascular Dynamics and Biomolecular Transport  
Department of Biomedical Engineering  
The City College of New York

email: [REDACTED]@yahoo.com  
ph: 212 650 8192

**From:** Paula Forsberg <dr.paula.forsberg1@academic12.polytechnicpositions.com>  
**Sent time:** 02/07/2019 10:45:30 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] PolytechnicPositions - Faculty Positions in Polytechnic Universities












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United Kingdom	Multiple academic positions - School of Electrical and Information Engineering	University of Sydney	
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Materials	Monterrey	
PhD or MPhil - High temperature thermodynamics & phase equilibria for metallurgical, recycling & advanced materials industries	University of Queensland	
Manufacturing	de Monterrey	
Postdoctoral Fellow in Integrated Computational Materials Engineering	University of Melbourne	
Research Fellow in Polymer/DNA Hybrid Materials	University of Melbourne	
the Cyber area		
Research Fellow - Electrical and Computer Systems Engineering (Net Zero)	Monash University	
Robotics	Monterrey	
Postdoctoral Research Associate in Error Control Coding for Future Cellular Networks	University of Sydney	
Lecturer in Geotechnical Engineering	University of Queensland	
in the area of Food Engineering and Science	Tecnologico de Monterrey	

on the	
Full Time Prof. in the area of Process Engineering	 Tecnológico de Monterrey
Plant Professor, Chemical Engineering	 Tecnológico de Monterrey
Professor of Full Time of Computation - Tec Cyber	 Tecnológico de Monterrey
PhD - ESR14 - Automatic Endoscope Repositioning with Respect to the Surgical Task	 Catholic University of Leuven
PhD Position in Development and Application of Machine Learning Algorithms for Better Cardiovascular Health Assessment	 Catholic University of Leuven

**From:** Louie, Margie <Margie\_Louie@rfcuny.org>  
**Sent time:** 04/18/2019 03:44:18 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Question regarding to IACUC

---

Good afternoon Dr. Nicoll,

Can you advise us if dead rat for DNA tissues require IACUC approval or not? I have a Professor from LaGuardia use dead rat for research and LaGuardia C.C doesn't have IACUC office.

Thank you.

**Margie Louie**  
Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
New York, NY 10036  
212-417-8474  
212-417-6474 Fax  
[Margie\\_Louie@rfcuny.org](mailto:Margie_Louie@rfcuny.org)  
<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



**From:** Alexander Horn <ale.horn@edu3.engineeroxy.com>  
**Sent time:** 04/08/2019 10:11:54 AM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Recently posted academic job vacancies at Engineeroxy

---

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Dear Colleague,

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- [PhD - Modelling of Head Related Transfer Functions in View of a Realistic VR/AR Experi](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA) Section
- [PhD Researcher "Development of Innovative Tools for Health Monitoring in Dairy Cows"](#)  
KU Geel Bioengineering Technology TC
- [PhD Student: Building Behaviour Identification Based on On-Board Monitored Data](#)  
KU Leuven Building Physics Section
- [Post-doc position - Department of Electrical Energy, Metals, Mechanical Constructions and Systems](#)  
Ghent University, Department of Electrical Energy, Metals, Mechanical Constructions and Systems
- [PhD Student - Department of Materials, Textiles and Chemical Engineering](#)  
Ghent University, Department of Materials, Textiles and Chemical Engineering
- [PhD student - CFD-FSI Modelling of TEHL of rough contacts under dynamic conditions](#)  
Ghent University, Department of Flow, heat and combustion mechanics
- [Post-doctoral researcher in Experimental Tribology](#)  
Ghent University, Department of Electrical Energy, Metals, Mechanical Constructions
- [PhD student - Design and instrumentation of a novel large-scale TEHL bearing test rig.](#)  
Ghent University, Department of Electrical Energy, Metals, Mechanical Constructions
- [PhD student - CFD-FSI Modelling of TEHL of rough contacts under dynamic conditions](#)  
Ghent University, Department of Electrical Energy, Metals, Mechanical Constructions and Systems
- [Postdoctoral vacancy \(2 years\) on high-frequency vibration techniques for non-destructive inspection of 3D printed metal parts](#)  
Ghent University, Department of Materials, Textiles and Chemical Engineering
- [Postdoctoral vacancy \(3 years\) on automated software workflow for medical application of 3D printed technologies](#)  
Ghent University, Department of Materials, Textiles and Chemical Engineering
- [3 PhD positions on ultrasound inspection of materials](#)  
Ghent University, Department of Materials, Textiles and Chemical Engineering
- [Postdoctoral vacancy \(3 years\) on patient-specific design and finite element modelling of 3D printed medical implants](#)  
Ghent University, Department of Materials, Textiles and Chemical Engineering
- [PhD - Offline and Online Linear Parameter-Varying System Identification](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA) Section
- [PhD - PhD Student in World Modelling for Robotic Applications](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA)

## Section

- [PhD - Hybrid Method for Realistic Simulation of Room Acoustics in VR/AR \(VRACE ESR8\)](#)

KU Leuven Production Engineering, Machine Design and Automation (PMA)

## Section

- [PhD Student: Assessing the Building Energy Performance Gap Based On On-Board Monitored Data](#)

KU Leuven Building Physics Section

- [PhD - Efficient Algorithms for Finding Unstable Periodic Orbits in Turbulent Flows](#)

KU Leuven Applied Mechanics and Energy Conversion Section

- [PhD - Signal Processing Algorithm Design for Next-Generation Neuro-Sensor Technology](#)

KU Leuven ESAT - STADIUS, Stadius Centre for Dynamical Systems, Signal Processing and Data Analytics

- [PhD Researcher - Precoding Strategies for Simultaneous Information and Power Transfer in Dense Networks](#)

KU Leuven ESAT- TELEMIC, Telecommunications and Microwaves

## Canada

- [Tier 2 Canada Research Chair in Assistive Technologies](#) **PRIORITY!**

University of Victoria

- [NSERC Canada Research Chair Tier 1 – Electrified Vehicles](#) **PRIORITY!**

University of Windsor

- [Tier 2 Canada Research Chair \(CRC\) in Sustainable Energy Systems Modelling](#) **PRIORITY!**

Simon Fraser University

- [Research Associate - Department of Civil and Environmental Engineering](#)

University of Alberta, Department of Civil and Environmental Engineering

- [Assistant/Associate Professor, BioMedical Engineering](#)

University of Guelph, School of Engineering

- [Tenure-Track Position in the Areas of Biochemical and Biomedical Engineering](#)

University of Waterloo, Department of Chemical Engineering

## China

- [Assistant / Associate / Full Professorships of Engineering and Technology](#) **PRIORITY!**

Guangdong Technion Israel Institute of Technology

- [Multiple Tenure-Track Faculty Positions](#) **PRIORITY!**

Zhejiang University/University of Illinois at Urbana-Champaign Institute

## Finland

- [Senior Lecturer in Computer Applications](#) **PRIORITY!**

Häme University of Applied Sciences

- [Postdoctoral researcher or Research Fellow in Very Long Baseline Interferometry](#)

Aalto University, Department of Electronics and Nanoengineering

- [Professor in Operations Management in Construction \(DESIGN / CONSTRUCTION / USE / REUSE\)](#)

Aalto University, Department of Civil Engineering

- [Postdoctoral Researcher in Ultrafast Fiber Lasers](#)

- Aalto University, Department of Electronics and Nanoengineering
- [Staff Scientist specializing in Data Analytic](#)  
Aalto University, Department of Industrial Engineering and Management
- [Doctoral candidate position for the Aalto Factory of the Future](#)  
Aalto University, Department of Electrical Engineering and Automation
- [Master's Thesis Position: Finite-element modelling of transcranial brain stimulation](#)  
Aalto University, Department of Electrical Engineering and Automation
- [Doctoral Candidate in Multi-physics Analysis and Design of Smart Building Elements](#)  
Aalto University, Department of Electronics and Nanoengineering
- [M.Sc. thesis and/or Project Worker Position on Automation Software for Robotic Instrument](#)  
Aalto University, Department of Electrical Engineering and Automation

## France

- [Assistant Professor \(Tenure Track\) in Energetics](#) PRIORITY!  
MINES Paris Tech

## Germany

- [Post Doc Research Associate in Flotation and Hydrometallurgy.](#) PRIORITY!  
Clausthal University of Technology
- [Aeronautical / Aerospace / Mechanical Engineer \(m/f/d\) in Aircraft Design and Propulsion Systems](#) PRIORITY!  
Bauhaus Luftfahrt
- [Aeronautical / Aerospace / Mechanical Engineer \(m/f/d\) in Propulsion Systems](#) PRIORITY!  
Bauhaus Luftfahrt

## Hong Kong

- [Assistant Professor in Geotechnical Engineering](#) PRIORITY!  
The Hong Kong Polytechnic University

## Lebanon

- [Tenure-track Assistant/Associate Professor of Petroleum Engineering](#) PRIORITY!  
Lebanese American University

## Netherlands

- [Postdoctoral Fellowship in Engineering and Technology](#) PRIORITY!  
University of Groningen
- [3 PhD positions on gas-evolving electrodes for sustainable fuels production](#)  
Delft University of Technology, Faculty Mechanical, Maritime and Materials Engineering
- [PhD in AI-Networking: Optimal Decisions and Dynamic Clustering](#)  
Delft University of Technology, Faculty Electrical Engineering, Mathematics and Computer Science
- [Postdoc Optimized routing & scheduling for ultra-low latency services](#)  
Delft University of Technology, Faculty Electrical Engineering, Mathematics and

- Computer Science
- [PhD in Applied Probability; Datamining for \(Cyber\) Threat Intelligence](#)  
Delft University of Technology, Faculty Electrical Engineering, Mathematics and Computer Science
- [PhD:5G resilience through network programmability](#)  
Delft University of Technology, Faculty Electrical Engineering, Mathematics and Computer Science
- [Assistant/Associate Professor in Programming Languages](#)  
Delft University of Technology, Faculty Electrical Engineering, Mathematics and Computer Science
- [PhD position: Visual perception and the art of material depiction](#)  
Delft University of Technology, Faculty Industrial Design Engineering
- [2 PhD positions in adaptive super-resolution at the TU-Delft](#)  
Delft University of Technology, Faculty Mechanical, Maritime and Materials Engineering
- [Postdoc: Multi-robot Motion Planning and Task Assignment](#)  
Delft University of Technology, Faculty Mechanical, Maritime and Materials Engineering
- [PhD: Multi-robot Motion Planning for Scene Understanding](#)  
Delft University of Technology, Faculty Mechanical, Maritime and Materials Engineering
- [Postdoc: Shared Mobility-on-Demand under Uncertainty](#)  
Delft University of Technology, Faculty Mechanical, Maritime and Materials Engineering
- [Postdoc: Platform-Based Cooperation Models for Automated Transportation and Logistics](#)  
Delft University of Technology, Faculty Mechanical, Maritime and Materials Engineering
- [Postdoc: Learning for Self-Healing of Multi-Machine Systems](#)  
Delft University of Technology, Faculty Mechanical, Maritime and Materials Engineering
- [Postdoc: Learning for Self-Healing of Multi-Machine Systems](#)  
Delft University of Technology, Faculty Mechanical, Maritime and Materials Engineering

## **Qatar**

- [Chair and Professor of Mechanical Engineering](#) **PRIORITY!**  
Texas A&M University

## **Singapore**

- [Tenure Track Positions in Chemistry](#) **PRIORITY!**  
National University of Singapore

## **Sweden**

- [Senior Lecturer in Construction Engineering](#) **PRIORITY!**  
Dalarna University

## **Switzerland**

- [Faculty Position in Digital Infrastructure](#) **PRIORITY!**  
Ecole Polytechnique Fédérale de Lausanne

## United Kingdom

- [Research Fellow in Advancing Creative Circular Economies for Plastics](#) **PRIORITY!**  
Queen's University Belfast
- [Research Associate in Insulation Systems for Electrical Drives](#)  
University of Manchester, Division of Power and Energy
- [PhD Studentship: Characterization of Pile Driving Induced Ground Motions](#)  
University of Nottingham, Department of Engineering
- [Ph.D. studentship: Improving early detection of oesophageal cancer with low-cost capsule endoscopy](#)  
University of Nottingham, Department of Engineering
- [PhD Studentship - Vulcan – Vat photopolymerization on wafer printing](#)  
University of Nottingham, Department of Engineering
- [Rolls-Royce sponsored PhD Scholarship – Design and simulation of stiffness-adjustable robotic systems for performing on-wing rep](#)  
University of Nottingham, Department of Engineering
- [Marie Skłodowska-Curie ITN Early Stage Researcher: Innovative EMI analysis and power Applications \(fixed term\)](#)  
University of Nottingham, Department of Engineering
- [Marie Skłodowska-Curie ITN Early Stage Researcher: Innovative EMI analysis and power Applications \(fixed term\)](#)  
University of Nottingham, Department of Engineering
- [Early-Stage Researcher – Combinatorial Coatings](#)  
University of Leeds, School of Mechanical Engineering
- [Early Stage Researcher – Corrosion Engineering of Implants](#)  
University of Leeds, School of Mechanical Engineering
- [Research Fellow in Bioinformed Design and Control of Autonomous Inspection Robots](#)  
University of Leeds, School of Computing
- [Research Fellow in Modelling of Solvent Extraction Technology](#)  
University of Leeds, School of Chemical & Process Engineering
- [Research Fellow in Communications for Pipeline Inspection Robots](#)  
University of Leeds, School of Electronic & Electrical Engineering
- [Research Fellow in the Design and Fabrication of Small Inspection Robots](#)  
University of Leeds, School of Mechanical Engineering
- [Chair in Smart Manufacturing \(Research and Teaching\)](#)  
University of Manchester, Division of Mechanical & Aerospace Engineering
- [Research Assistant/Associate in Gas Turbine Ignition Modelling \(Fixed Term\)](#)  
University of Cambridge, Department of Engineering
- [PhD Studentship - Inkjet printing of non-solvent polyimide materials](#)  
University of Nottingham, Department of Engineering
- [PhD Studentship - Neptune – Inkjet printing digital image generation and compensation for surface chemistry effects](#)  
University of Nottingham, Department of Engineering
- [PhD Studentship: Design the next generation of electromagnetic sensing technologies](#)  
University of Nottingham, Department of Engineering
- [PhD Studentship: Artificial intelligence to develop tailored construction materials](#)

[for road infrastructure](#)

University of Nottingham, Department of Engineering

- [PhD Studentship - Meta models for prediction and minimisation of the effects induced by construction](#)

University of Nottingham, Department of Engineering

- [PhD Studentship in Advanced composite structures and metamaterials \(in collaboration with a major aerospace industry\)](#)

University of Nottingham, Department of Engineering

- [PhD Studentship in Ultrasound health monitoring and damage identification in aerospace composites \(in collaboration with a major](#)

University of Nottingham, Department of Engineering

- [3 year PhD Studentship in Enabling Next Generation Additive Manufacturing](#)

University of Nottingham, Department of Engineering

- [PhD Studentship: EPSRC Future Composites Manufacturing Research Hub: Meso-scale modelling of 3D fibre preforms](#)

University of Nottingham, Department of Engineering

- [3 year PhD Studentship in Enabling Next Generation Additive Manufacturing](#)

University of Nottingham, Department of Engineering

- [Rolls-Royce sponsored PhD scholarship- Novel grinding technology with advanced cooling capabilities](#)

University of Nottingham, Department of Engineering

- [Rolls-Royce sponsored PhD scholarship – Computer vision and robot control for performing on-wing repair of aero-engines](#)

University of Nottingham, Department of Engineering

- [Rolls-Royce sponsored PhD scholarship – Mechatronics system for hybrid manufacturing processing](#)

University of Nottingham, Department of Engineering

- [PhD Research Studentship- Advanced Rolling Element Bearing Lining Methods](#)

University of Nottingham, Department of Engineering

- [PhD Studentship: Design the next generation of electromagnetic systems for 3D printing applications](#)

University of Nottingham, Department of Engineering

- [PhD Studentship: EPSRC Future Composites Manufacturing Research Hub](#)

University of Nottingham, Department of Engineering

- [PhD- Development of mesoscale hydro-chemo-mechanical \(HMC\) modeling approach for concrete deterioration. \(3 Years\)](#)

University of Nottingham, Department of Engineering

- [EPSRC PhD I CASE Award – Industrially Supported PhD in Biomedical Electronic Engineering](#)

University of Nottingham, Department of Engineering

- [PhD studentship: Resilient Pharmacy Dispensing Processes](#)

University of Nottingham, Department of Engineering/Pharmacy

- [PhD Studentship: Engineering sustainable routes to carbon capture and reusage: Conversion of CO2 from steelworks to coating prod](#)

University of Nottingham, Department of Engineering

## **United States**

- [Specialist Position at Integrated Nano Bio Electronics Innovation Lab](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Five Assistant \(Tenure Track\), Associate or Full \(Tenured\) Professor Positions in](#)

## [Science and Engineering of Advanced Manufactur](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholar Position - Bowman Group](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Lecturer in Mechanical and Aerospace Engineering](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholars- Mechanical and Aerospace Engineering](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Specialists in Mechanical and Aerospace Engineering](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Tenure-Track Faculty Position in Mechanical and Aerospace Engineering](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholar Positions - Gorodetsky Group](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholar - Musculoskeletal Bioengineering](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Specialist Series – Laboratory of Fluorescence Dynamics](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholars – Laboratory of Fluorescence Dynamics](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholar - Biomedical Engineering](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Specialist Series – Biomedical Engineering](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholars - Advanced Power and Energy Program](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Specialists in Advanced Power and Energy Program at The Henry Samueli School of Engineering](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Specialist Series - Metabolic Changes in Alzheimer's Neurons](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [COSI Cancer Biophotonics - Tenured and Tenure Track Faculty Position 2018-2019](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholar: Metabolic Changes in Alzheimer's Neurons](#)

University of California, Irvine, The Henry Samueli School of Engineering

- [Postdoctoral Scholar – Optical Assessment of Engineered Tissues](#)

University of California, Irvine, The Henry Samueli School of Engineering

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Yours faithfully

Alexander Horn PhD

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**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Recently posted academic job vacancies at Engineeroxy

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- [PhD scholarships in high temperature processing](#)  
University of Queensland, School of Chemical Engineering
- [PhD Project: Brillouin microscopy to study cell biomechanics based at the Australian Institute for Bioengineering and Nanotechnology](#)  
University of Queensland, Australian Institute for Bioengineering and Nanotechnology
- [Senior Lecturer in Electrical and Computer Systems Engineering](#)  
Monash University, School of Engineering
- [Research Fellow in Autonomous Systems](#)  
University of Melbourne, Melbourne School of Engineering
- [Research Fellow in Biomechanics](#)  
University of Melbourne, Melbourne School of Engineering
- [PhD Scholarship in Chemical Engineering](#)  
Monash University, Department of Chemical Engineering
- [PhD scholarships with Monash University's Graduate Research Industry Partnership on Human-in-The-Loop Analytics](#)  
Monash University, Faculty of Engineering

### Belgium

- [PhD Position in ESR14 - Automatic Endoscope Repositioning with Respect to the Surgical Task](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA) Section
- [PhD Position in Development of \(Model-Based\) Visual Vibrometer Methodologies](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA) Section
- [PhD Student in World Modelling for Robotic Applications](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA) Section
- [PhD Position on Offline and Online Linear Parameter-Varying System Identification](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA)

## Section

- [PhD Position in CFD for Ship-Fluid Mud Interaction](#)  
KU Leuven Hydraulics Section
- [PhD Position in Development of Advanced Numerical Techniques for Lubricated Drivetrain Simulation and Analysis](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA) Section
- [PhD Position in Development of Model-Based Methodologies for Product-Assembly Co-Design](#)  
KU Leuven Production Engineering, Machine Design and Automation (PMA) Section
- [PhD Positions on Energy Systems Modeling](#)  
KU Leuven Applied Mechanics and Energy Conversion Section
- [PhD Position: Adaptive Cost Effective Proton Therapy \(Accept\) for the Treatment of Lung Tumours](#)  
KU Leuven Laboratory of Experimental Radiotherapy
- [PhD Position on ESR6 - Computer Vision and Machine Learning for Tissue Segmentation and Localization](#)  
KU Leuven Mechanical Engineering Technology TC, Group T Leuven Campus
- [PhD Position on ESR15 - Optimal Learning Methods for Autonomous Control and Navigation](#)  
KU Leuven Mechanical Engineering Technology TC, Group T Leuven Campus
- [PhD Position on ESR8 - Image-Based Tool Tissue Interaction Estimation](#)  
KU Leuven Mechanical Engineering Technology TC, Group T Leuven Campus
- [PhD Position on ESR13 - Path Planning and Real-Time Re-Planning](#)  
KU Leuven Mechanical Engineering Technology TC, Group T Leuven Campus
- [PhD Position on ESR11 - Control of Multi-DOF Catheters in an Unknown Environment](#)  
KU Leuven Mechanical Engineering Technology TC, Group T Leuven Campus
- [PhD Position on ESR5 - From Local Sensing to Global Lumen Reconstruction](#)  
KU Leuven Biomechanics Section
- [PhD Student - Department of Materials, Textiles and Chemical Engineering](#)  
Ghent University, Department of Materials, Textiles and Chemical Engineering
- [Post-doc position - Department of Electrical Energy, Metals, Mechanical Constructions and Systems](#)  
Ghent University, Department of Electrical Energy, Metals, Mechanical Constructions and Systems

## Canada

- [Tier 2 Canada Research Chair \(CRC\) in Sustainable Energy Systems Modelling](#)  
**PRIORITY!**  
Simon Fraser University
- [Assistant Professor of Civil Engineering](#) **PRIORITY!**  
University of Northern British Columbia
- [Professor in Engineering Physics](#) **PRIORITY!**  
Polytechnique Montréal
- [Assistant or Associate Professor in Engineering Systems & Computing \(Artificial Intelligence\)](#)  
University of Guelph, College of Engineering and Physical Sciences
- [Assistant Professor – Systems and Computer Engineering \(Software\)](#)

- Carleton University, Department of Systems and Computer Engineering
- [Instructor I – Civil and Environmental Engineering](#)  
Carleton University, Department of Civil and Environmental Engineering
- [Assistant or Associate Professor in Mechanical Engineering](#)  
University of Guelph, College of Engineering and Physical Sciences
- [Instructor – Mechanical and Aerospace Engineering](#)  
Carleton University, Department of Mechanical and Aerospace Engineering

## China

- [Assistant / Associate / Full Professorships of Engineering and Technology](#)  
**PRIORITY!**  
Guangdong Technion Israel Institute of Technology
- [Shanghai Civil Engineering and Surveying Young Scholars Forum & Career Fair](#)  
**PRIORITY!**  
Tongji University
- [Multiple Tenure-Track Faculty Positions](#) **PRIORITY!**  
Zhejiang University/University of Illinois at Urbana-Champaign Institute

## Finland

- [Postdoctoral Researcher in Ultrafast Fiber Lasers](#)  
Aalto University, Department of Electronics and Nanoengineering
- [Doctoral Candidate in Millimeter-wave Integrated Circuits and Systems](#)  
Aalto University, Department of Electronics and Nanoengineering
- [Assistant Professor in Embedded Electronics for Autonomous Systems \(tenure track\)](#)  
Aalto University, Department of Electrical Engineering and Automation
- [Doctoral Candidate in Multi-physics Analysis and Design of Smart Building Elements](#)  
Aalto University, Department of Electronics and Nanoengineering

## Germany

- [Post Doc Research Associate in Flotation and Hydrometallurgy.](#) **PRIORITY!**  
Clausthal University of Technology
- [Aeronautical / Aerospace / Mechanical Engineer \(m/f/d\) in Aircraft Design and Propulsion Systems](#) **PRIORITY!**  
Bauhaus Luftfahrt
- [Aeronautical / Aerospace / Mechanical Engineer \(m/f/d\) in Propulsion Systems](#) **PRIORITY!**  
Bauhaus Luftfahrt
- [Chair \(W3\) in a Topic within Aerospace Engineering](#)  
Technical University Dresden, Institute of Aerospace Engineering at the Faculty of Mechanical Science and Engineering
- [Research Associate - Geotechnical Engineering in Civil and Environmental Engineering](#)  
Technical University of Munich, Geotechnical Center
- [Wiss. Employee \(m / w / d\) with focus on particle technology: crushing and separation](#)  
Technical University of Munich, Chair of Process Systems Engineering
- [Wiss. Employee \(m / w / d\) with focus on particle synthesis and](#)

## [functionalization](#)

Technical University of Munich, Chair of Process Systems Engineering

- [Wiss. Employee \(m / w / d\) with focus on: Filamentous Microorganisms in Bioprocesses: Modeling and Image Processing](#)

Technical University of Munich, Chair of Process Systems Engineering

- [Scientific staff, Ph.D. student, post-doctoral position - Center for Geotechnical Engineering](#)

Technical University of Munich, Faculty of Civil Engineering Geo Umwelt

- [PhD Positions at the Chair of Robotics Science and Systems Intelligence \(RSI\)](#)

Technical University of Munich, Chair of Robotics Science and Systems Intelligence (RSI)

- [Open PhD and Postdoc Positions in Flagship Initiative 'Geriatronics](#)

Technical University of Munich, Munich School of Robotics and Machine Intelligence (MSRM)

- [Chair \(W3\) for Refrigeration, Cryogenics and Compressor Technology](#)

Technical University Dresden, Faculty of Mechanical Science and Engineering, Institute of Power Engineering

## **Hong Kong**

- [Assistant Professor in Geotechnical Engineering](#) **PRIORITY!**

The Hong Kong Polytechnic University

- [Associate Professor / Assistant Professor in Department of Industrial and Systems Engineering](#) **PRIORITY!**

The Hong Kong Polytechnic University

- [Professors / Associate Professors / Assistant Professors in Mechanical and Automation Engineering](#) **PRIORITY!**

Chinese University of Hong Kong

- [Associate Professor / Assistant Professor in Environmental Engineering](#)

The Hong Kong Polytechnic University

## **Netherlands**

- [Postdoctoral Fellowship in Engineering and Technology](#) **PRIORITY!**

University of Groningen

## **Qatar**

- [Chair and Professor of Mechanical Engineering](#) **PRIORITY!**

Texas A&M University

## **Sweden**

- [Senior Lecturer in Construction Engineering](#) **PRIORITY!**

Dalarna University

- [Senior Lecturer in Energy Engineering](#) **PRIORITY!**

Dalarna University

## **United Arab Emirates**

- [Head of the Department of Chemical Engineering](#)

American University of Sharjah, Department of Chemical Engineering

- [Lecturer Position in the Department of Industrial Engineering](#)

- American University of Sharjah, Department of Industrial Engineering
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American University of Sharjah, Department of Chemical Engineering
- [Adjunct Faculty - Civil Engineering](#)  
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American University of Sharjah, Department of Computer Science and Engineering
- [Lab Instructor in Computer Science and Engineering \(Software Area\)](#)  
American University of Sharjah, Department of Computer Science and Engineering (CSE)
- [Lab Instructor in Computer Science and Engineering \(Hardware Area\)](#)  
American University of Sharjah, Department of Computer Science and Engineering (CSE)
- [Professor of Practice Position in Engineering Systems Management](#)  
American University of Sharjah, Department of Industrial Engineering
- [Faculty Position | Engineering Systems Management](#)  
American University of Sharjah, Department of Industrial Engineering
- [Visiting Faculty Position in Industrial Engineering](#)  
American University of Sharjah, Department of Industrial Engineering
- [Regular and Visiting Positions - Department of Mechanical Engineering](#)  
American University of Sharjah, Department of Mechanical Engineering
- [Lecturer Position - Department of Mechanical Engineering](#)  
American University of Sharjah, Department of Mechanical Engineering
- [Adjunct Faculty - Chemical Engineering](#)  
Higher Colleges of Technology
- [Faculty - Mechanical / Mechatronics Engineering Technology & Science](#)  
Higher Colleges of Technology
- [Faculty - Logistics Engineering Technology & Science](#)  
Higher Colleges of Technology
- [Faculty - Industrial Engineering Technology & Science](#)  
Higher Colleges of Technology
- [Faculty - Aviation Maintenance Engineering Technology & Science](#)  
Higher Colleges of Technology
- [Adjunct Faculty - Mechanical / Mechatronics Engineering](#)  
Higher Colleges of Technology
- [Adjunct Faculty - Marine Transport](#)  
Higher Colleges of Technology
- [Adjunct Faculty - Electrical / Electronics Engineering](#)  
Higher Colleges of Technology

## United Kingdom

- [Professor/Chair in Engineering](#) **PRIORITY!**  
Edinburgh Napier University School of Engineering

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Yours faithfully

Alexander Horn PhD

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Phone: (650) 877-8787  
[Website](#)

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CBRA Member (One day) - \$375  
CBRA Member (Two day) - \$675  
Non CBRA Member (One day) - \$475  
Non CBRA Member (Two day) - \$775

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CBRAMEM4

Non Members registering 4 or more, save 10% using code  
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## Agenda

### IACUC YourWay: From AtoZ

Tuesday May 7th  
7:00AM - 5:30PM

### CBRA Annual Dinner ~ Keynote Address ~ Awards Ceremony

Tuesday, May 7th  
5:30PM

### 35th Annual Educational Symposium

Wednesday, May 8th  
7:30AM - 4:30PM

IACUC YourWay: From AtoZ™ is a full-day, groundbreaking, and interactive training program developed by the California Biomedical Research Association (CBRA) for both new and seasoned Institutional Animal Care and Use Committees (IACUCs) and those who support them.

While the responsibilities of IACUCs may vary by institution, these committees are key to a successful animal program. IACUC YourWay: From AtoZ™ is designed to cover IACUC issues pertinent to all animal research programs. The program is divided into separate cutting-edge training modules, and topics addressed include key components of animal care and use programs; the structure, functions, and role of an IACUC; personnel qualifications and training; post approval monitoring; occupational health and safety programs; and emerging issues of compliance. In addition, the training will conclude with interactive case study scenarios.

This program has been approved for both **CPIA** and **RACE CEUs**!!

## **Annual Dinner & Awards Ceremony**

### **"Translational Research and the Animal Model in the 21st Century"**

Norbert Bischofberger, PhD, President & CEO,  
Kronos Bio. Inc. *(Invited)*

## **SPONSOR OPPORTUNITIES**

The CBRA & CSBR Annual Meeting and Awards Reception is the primary fund-raising event for the K-12 life-science educational programs and public outreach activities of the Society.

All net proceeds go directly to these programs, which include the development and free distribution of curriculum resource materials that are in alignment with state and national science and health teaching standards; awards at regional science fairs; an active Speakers' Bureau; and public outreach on the importance of biomedical research.

[Click HERE](#) for a brief summary of sponsorship opportunities.

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California Biomedical Research Association, P.O. Box 19340, Sacramento, CA 95819

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**From:** Lingyan Shi [REDACTED]@gmail.com>  
**Sent time:** 08/19/2019 11:22:54 AM  
**To:** Steven Nicoll; Institutional Animal Care and Use Committee  
**Cc:** Harry Acosta; Robert Alfano  
**Subject:** [EXTERNAL] Re: Animal protocol submission

---

Dear Dr Nicoll,

I submitted an animal protocol a few weeks ago.  
Hope you have received it. Please feel free to let me know if I need to provide further information.  
I am looking forward to hearing back from you.

Thank you.

Best,

Lingyan

Is the

On Mon, Jul 29, 2019 at 1:09 PM Lingyan Shi [REDACTED]@gmail.com> wrote:

Dear Dr. Nicoll,

We are submitting the attached new animal protocol for approval for our Triple negative breast cancer research. Our collaborator from MSKCC will transport mice to CCNY. We will imaging the mice in CDI building.

Please feel free to contact us if you have any question.

Thank you.

Best wishes,

Lingyan

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent time:** 08/23/2019 03:42:44 PM  
**To:** Steven Nicoll  
**Cc:** Harry Acosta; Institutional Animal Care and Use Committee; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Subject:** [EXTERNAL] Re: BioBlitz IACUC Application

---

Hi Steve,

I do apologize for my mistake in forgetting to send the electronic version. The methods/purpose/description is the same as last year, but yes, the location and dates have changed (this means the name has changed as well because the name always has the year and location in it). The personal are the same as last year. Would I be able to send those amendments right now and if so, what is the best way to get them to you? Should I highlight them in the IACUC form?

Thank you so much,  
Kelly

On Aug 23, 2019, at 3:18 PM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Hi Kelly,

The protocol was not reviewed since it wasn't submitted electronically through the IACUC email. Technically, the protocol is still active but you could make minor amendments (i.e., change the location and personnel as needed). Do you still need the protocol reviewed or amended?

Let me know,  
Steve

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

**From:** Kelly O'Donnell <[Kelly.ODonnell@mhc.cuny.edu](mailto:Kelly.ODonnell@mhc.cuny.edu)>  
**Sent:** Wednesday, August 7, 2019 4:52 PM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] BioBlitz IACUC Application

Hi Mr. Acosta,

I was just writing to you to ask if the committee ever reviewed the 2019 BioBlitz protocol application and I discovered that I never sent you an electronic copy after I dropped off the paper ones in June! I cannot believe that I did this. I'm so sorry. Is there any chance that the committee reviewed the application anyway?

Thank you,  
Kelly

Kelly L. O'Donnell, PhD  
Director of Science Forward

Macaulay Honors College  
The City University of New York  
35 West 67th Street  
New York, New York 10023  
(212) 729-2924  
<http://cuny.is/scienceforward>

**From:** Mark Pezzano gmail [REDACTED]@gmail.com>  
**Sent time:** 08/08/2019 07:41:37 PM  
**To:** Steven Nicoll  
Gloria Callender [REDACTED]@hotmail.com [REDACTED]@hotmail.com>; Harry Acosta; Tricia Mayhew-Noel; Andreas H. Kottmann  
(akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Kaliris Salas; Richard Belgrave; Steve Nicoll <[REDACTED]@gmail.com>; Sulli  
Popilskis <Sulli\_Popilskis@nymc.edu>; Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Re: IACUC Meeting August 14, 2019

---

I'm away and can't participate  
Mark

On Aug 8, 2019, at 8:39 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

I won't be in attendance so we need to make sure we have a quorum. As of now, Sulli and Harry are the only members who have confirmed that they can make the meeting. Tricia, Andreas, Kaliris and myself will not be available.

Thanks,

Steve

---

**From:** Harry Acosta  
**Sent:** Thursday, August 8, 2019 8:32 AM  
**To:** Tricia Mayhew-Noel; Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)); Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: IACUC Meeting August 14, 2019

I will be Attending

Harry

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** IACUC Meeting August 14, 2019

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

Obtained by Rise for Animals. Uploaded 07/08/2020

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. Please note that Read Receipts are being requested to document acknowledgment of DMR projects.

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

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- April 10, 2019

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- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

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- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively?

(Cat. C)

- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Y  
Y

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osterogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics

City College of New York

Division for Research

Shepard Hall Room 108B

160 Convent Ave

New York, NY 10031

1-212-650-7902 (phone)

1-212-650-8344 (fax)

Obtained by Rise for Animals. Uploaded 07/08/2020

[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)

<http://www.ccny.cuny.edu/irb/> (website)

**From:** Steven Nicoll [REDACTED]@gmail.com>  
**Sent time:** 08/15/2019 09:57:56 PM  
**To:** Harry Acosta  
Gloria Callender [REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Andreas Kottmann <AKottmann@med.cuny.edu>; Steven Nicoll; Tricia Mayhew-  
**Cc:** Noel; Kaliris Salas; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>; Institutional Animal  
Care and Use Committee  
**Subject:** [EXTERNAL] Re: IACUC Meeting August 14, 2019

---

Hi Andreas,

You received an approval letter for protocol 1006.2 on June 17, 2019. I don't have a record of issuing a letter for protocol 985 since July 2017, when I took over issuing IACUC letters.

Thanks,  
Steve

On Thu, Aug 15, 2019 at 11:04 AM Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)> wrote:

Dr. Kottmann.

According to my records your breeding protocol 985. Expired on 11-10-19( see attached letter). I have looked into my emails and did not find any submission to re new this protocol. Any animals on this protocol have been placed on a holding protocol.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*

*City College of New York*

*Director of Animal Care Facility*

*P-212-650-8515*

*F-212-6507545*

[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

---

**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>  
**Sent:** Tuesday, August 13, 2019 2:49 PM  
**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Gloria Callender [REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

I am on vacation with family in the Rockies and can't be at the meeting. But I can help with a DMR review in case that would be useful.

On another note: I filed a renewal some weeks (months?) back. I am unsure whether I received an official approval letter. Would you mind double-checking for me? (I believe my lab is current on all protocols.)

I am mentioning this because my recent NIH grant application scored 16<sup>th</sup> percentile. Payline is 15<sup>th</sup> percentile. My program director promised to try to push for us at the upcoming council meeting. On the slim possibility that we might sneak in, I don't want any last minute hiccup by not having a current IACUC protocol.

Cheers, Andreas

---

**From:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>  
**Sent:** Tuesday, August 13, 2019 7:50 AM  
**To:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender (██████████@hotmail.com) <██████████@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano (██████████@gmail.com) <██████████@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll (██████████@gmail.com) <██████████@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** RE: IACUC Meeting August 14, 2019

Steve

I don't have a problem with some of the DMRs, But I really think we should have meeting soon since we have not met in quite a while.

Harry

---

**From:** Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>  
**Sent:** Monday, August 12, 2019 6:47 PM  
**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas H. Kottmann (<[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)>) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender (██████████@hotmail.com) <██████████@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano (██████████@gmail.com) <██████████@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steve Nicoll (██████████@gmail.com) <██████████@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>  
**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** Re: IACUC Meeting August 14, 2019

It would appear that we will not have a quorum for the meeting scheduled for Wednesday, August 14th. I would request that we consider the two protocols originally earmarked for FCR (1058 and 1061) to be reviewed by DMR.

Dr. Schaffler's protocol (1058) is the same as an existing protocol (1019) except that he is adding Botox injections into hindlimbs to examine the effects of disuse on osteocyte behavior (previously he used physical immobilization). It's a complex protocol but not much of a departure from their existing active protocol.

I wanted to discuss protocol 1061 (PI: Robert Alfano) because it was submitted by Lingyan Shi who previously worked with Dr. Alfano but has since left to take a faculty position at UCSD. Dr. Alfano doesn't list anyone under personnel (he only lists "TBD"), so clearly he won't be doing any of the animal work and has nobody trained to do so (he is only trained in spectroscopy methods). They are imaging mice received from MSKCC but there are some minor procedures to be performed. I can correspond with him and let him know that he needs to list trained personnel who will be doing the actual animal experiments before the protocol can be reviewed and approved. Lingyan previously did all of the animal studies.

Additionally, I am attaching a Bioblitz protocol that can be reviewed via DMR assuming there are no objections. Kelly O'Donnell forgot to submit the electronic copy earlier this summer.

Please let me know your thoughts on the above protocols, and if I don't receive a response after 7 days, I will proceed with DMR assignments.

Thanks,

Steve

---

**From:** Tricia Mayhew-Noel

**Sent:** Wednesday, August 7, 2019 4:40 PM

**To:** Andreas H. Kottmann ([akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)); Gloria Callender (██████████@hotmail.com); Harry Acosta; Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis

**Cc:** Institutional Animal Care and Use Committee

**Subject:** IACUC Meeting August 14, 2019

Dear Committee,

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**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS**

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Minutes to be ratified:

- April 10, 2019

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- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

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||

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- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)

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- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
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Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics

City College of New York

Division for Research

Shepard Hall Room 108B

160 Convent Ave

New York, NY 10031

1-212-650-7902 (phone)

1-212-650-8344 (fax)

[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu) (email)

<http://www.ccny.cuny.edu/irb/> (website)

**From:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Sent time:** 08/07/2019 07:19:34 PM  
**To:** Tricia Mayhew-Noel; Steven Nicoll; Harry Acosta  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] RE: IACUC Meeting August 14, 2019

---

Tricia,  
I'm available.  
Thank you  
Sulli

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 7, 2019 4:41 PM  
**To:** Andreas H. Kottmann (akottmann@med.cuny.edu) <AKottmann@med.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com) [REDACTED]@hotmail.com>; Harry Acosta <hacosta007@ccny.cuny.edu>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
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- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)



Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Tricia Mayhew-Noel, MS

Director, Research Compliance & Ethics  
 City College of New York  
 Division for Research  
 Shepard Hall Room 108B  
 160 Convent Ave  
 New York, NY 10031  
 1-212-650-7902 (phone)  
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<http://www.ccny.cuny.edu/irb/> (website)

---

This email was scanned by Bitdefender

**From:** Kelly O'Donnell <Kelly.ODonnell@mhc.cuny.edu>  
**Sent time:** 09/06/2019 10:33:23 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Re: Protocol 1063

---

Thank you! I just noticed that the signature page says 24 hours instead of 35. The change to 35 hours was one of the highlighted ones in the electronic copy I sent. Would it be possible to change that?

Thanks!

Kelly

On Sep 4, 2019, at 7:28 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

Dear Dr. O'Donnell,

Please find the attached IACUC letter regarding its review of the subject protocol.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)  
Fax: [212-650-6727](tel:212-650-6727)  
Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

<1063 KO approval letter Sept 2 2019.pdf>

**From:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Sent time:** 09/05/2019 07:54:12 AM  
**To:** Steven Nicoll  
**Cc:** Adrian Rodriguez Contreras; Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Re: Protocols 1065 and 1066

---

Works for me  
Sulli

Sent from my iPhone

On Sep 5, 2019, at 6:59 AM, Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)> wrote:

The 13th works for me - I'll confirm with Sulli and Harry.

Thanks,

Steve

---

**From:** Adrian Rodriguez Contreras  
**Sent:** Thursday, September 5, 2019 2:50 AM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: Protocols 1065 and 1066

The 13th

Adrian

---

**From:** Steven Nicoll  
**Sent:** Wednesday, September 4, 2019 5:35:50 PM  
**To:** Adrian Rodriguez Contreras  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: Protocols 1065 and 1066

Hi Adrian,

Are you referring to Friday 9/6 or 9/13? Let me know.

Thanks,

Steve

---

**From:** Adrian Rodriguez Contreras  
**Sent:** Wednesday, September 4, 2019 4:36 PM  
**To:** Steven Nicoll  
**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli  
**Subject:** Re: Protocols 1065 and 1066

Hello Steve

What about meeting next week on Friday?

Thank you

Adrián

---

**From:** Steven Nicoll

**Sent:** Wednesday, September 4, 2019 9:33:39 AM

**To:** Adrian Rodriguez Contreras

**Cc:** Institutional Animal Care and Use Committee; Popilskis, Sulli

**Subject:** Protocols 1065 and 1066

Dear Dr. Rodriguez-Contreras,

The IACUC met on August 30, 2019 and reviewed the subject protocols, 1065 - "Activity-dependent development of auditory neurons, experimental work" and 1066 - "Effect of hypoxia and anesthesia on brain vascular physiology." The protocols were "Tabled" and the IACUC would like to schedule a meeting with you at your earliest convenience to discuss and clarify issues with the protocols in order to expedite the review and approval process.

Sincerely,  
Steve Nicoll

Steven B. Nicoll, Ph.D.  
IACUC Chairperson  
Associate Professor  
Department of Biomedical Engineering  
Grove School of Engineering  
The City College of New York  
Steinman Hall, Room 431  
160 Convent Avenue  
New York, NY 10031

Tel: [212-650-6237](tel:212-650-6237)

Fax: [212-650-6727](tel:212-650-6727)

Email: [snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)

---

This email was scanned by Bitdefender

**From:** Louie, Margie <Margie\_Louie@rfcuny.org>  
**Sent time:** 04/19/2019 10:03:00 AM  
**To:** Harry Acosta; Institutional Animal Care and Use Committee  
**Cc:** Cataruzolo, Aleksandra <Aleksandra\_Cataruzolo@rfcuny.org>  
**Subject:** [EXTERNAL] RE: Question regarding to IACUC

---

Good morning Harry,

According to the Professor (PI), the PI purchased (from Carolina Biological Supply Company) dead 1 rat pregnant double for "extract DNA from its tissues. I need to compare the DNA sequences to C. elegant." Also per the Professor that "Very much dead. Carolina Biological Company doesn't sell live mammals." If the rate is dead when the rat arrive at the College, than IACUC is not require per your email below. Is that correct?

Our PSC-CUNY awards don't have any IACUC accounts from LaGuardia and I don't have the IACUC committee contact for this College. If you know the IACUC committee for LaGuardia, please forward to my attention.

Thank you for all your help on this.

**Margie Louie**  
Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
New York, NY 10036  
212-417-8474  
212-417-6474 Fax  
[Margie\\_Louie@rfcuny.org](mailto:Margie_Louie@rfcuny.org)  
<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



---

**From:** Harry Acosta [mailto:hacosta007@ccny.cuny.edu]  
**Sent:** Friday, April 19, 2019 8:14 AM  
**To:** Louie, Margie <Margie\_Louie@rfcuny.org>; Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** RE: Question regarding to IACUC

Margie

Where are the dead rats coming from? If they are alive when they arrive at LaGuardia than Yes they need an approved protocol.

Also I do believe that LaGuardia has a IACUC committee.

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM*  
*City College of New York*  
*Director of Animal Care Facility*  
*P-212-650-8515*  
*F-212-6507545*  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)

---

**From:** Louie, Margie [mailto:[Margie\\_Louie@rfcuny.org](mailto:Margie_Louie@rfcuny.org)]  
**Sent:** Thursday, April 18, 2019 3:44 PM  
**To:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>  
**Subject:** [EXTERNAL] Question regarding to IACUC  
**Importance:** High

Good afternoon Dr. Nicoll,

Can you advise us if dead rat for DNA tissues require IACUC approval or not? I have a Professor from LaGuardia use dead rat for research and LaGuardia C.C doesn't have IACUC office.

Thank you.

**Margie Louie**

Assistant Project Administrator  
Grants & Contracts

230 West 41st Street  
New York, NY 10036  
212-417-8474

212-417-6474 Fax

[Margie\\_Louie@rfcuny.org](mailto:Margie_Louie@rfcuny.org)

<http://www.rfcuny.org> | [Twitter](#) | [LinkedIn](#) | [YouTube](#)



**From:** Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Sent time:** 08/23/2019 03:21:18 PM  
**To:** Steven Nicoll; Tricia Mayhew-Noel; Harry Acosta; Steve Nicoll [REDACTED]@gmail.com>  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] RE: URGENT ADHOC IACUC Meeting

---

Agree. It will give him the opportunity to respond if his protocol is approved with modifications or tabled before it expires.  
Sulli

---

**From:** Steven Nicoll <snicoll@ccny.cuny.edu>  
**Sent:** Friday, August 23, 2019 3:13 PM  
**To:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Steve Nicoll [REDACTED]@gmail.com>; Popilskis, Sulli <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** Re: URGENT ADHOC IACUC Meeting

We should add Adrian's new protocols to the meeting next Thursday, since his active protocol 1000 expires 9/14/19. That would be in addition to 1058 (Schaffler) and 981 (now 1062) (Sircar). We can also add the Bioblitz protocol but it's probably too late since it was never submitted electronically and I think the program is over.

Thanks,  
Steve

---

**From:** Tricia Mayhew-Noel  
**Sent:** Thursday, August 22, 2019 10:30 AM  
**To:** Andreas Kottmann; Harry Acosta; Gloria Callender [REDACTED]@hotmail.com); Kaliris Salas; Mark Pezzano; Richard Belgrave; Steven Nicoll; Steve Nicoll; Sulli Popilskis  
**Cc:** Institutional Animal Care and Use Committee  
**Subject:** RE: URGENT ADHOC IACUC Meeting

The doodle poll has been revised to include 8/29 and 8/30. If you've already responded please revise your availability, if not please take time to respond as soon as possible.

Thanks,  
Tricia

---

**From:** Tricia Mayhew-Noel <tmayhewnoel@ccny.cuny.edu>  
**Sent:** Wednesday, August 21, 2019 6:24 PM  
**To:** Andreas Kottmann <AKottmann@med.cuny.edu>; Harry Acosta <hacosta007@ccny.cuny.edu>; Gloria Callender [REDACTED]@hotmail.com) <[REDACTED]@hotmail.com>; Kaliris Salas <ksalasram@ccny.cuny.edu>; Mark Pezzano [REDACTED]@gmail.com>; Richard Belgrave <rbelgrave@ccny.cuny.edu>; Steven Nicoll <snicoll@ccny.cuny.edu>; Steve Nicoll <[REDACTED]@gmail.com>; Sulli Popilskis <Sulli\_Popilskis@nymc.edu>  
**Cc:** Institutional Animal Care and Use Committee <iacuc@ccny.cuny.edu>  
**Subject:** URGENT ADHOC IACUC Meeting  
**Importance:** High

Dear IACUC Members,

It is urgent that we schedule an IACUC Meeting as soon as possible.

Please see the link of the DOODLE Poll calendar to indicate your availability.

Please indicate you date of choice prior to **COB Tomorrow!**

The link to the poll can be found [here](#).

If you are unable to access the link please send me an email promptly.

Best Regards,  
Tricia

**From:** Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 1:40 PM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

I am available in principle from next Tuesday onwards. Maybe best to do a doodle poll? Andreas

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:21 PM

**To:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Andreas Kottmann <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas-Ramirez <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

I am available until Wednesday.

Tricia

---

**From:** Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>

**Sent:** Wednesday, August 21, 2019 12:03 PM

**To:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>; Andreas H. Kottmann (<[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)>) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

**Subject:** RE: IACUC Meeting August 14, 2019

Hello All

We need to try and have a full committee meeting as soon as possible. There are several protocols that were missed and need to be reviewed. One of them being Dr. Sircar (I have attached). I am trying to see who is available for a meeting early next week.

On another note I noticed that on the agenda Dr. Goyert's protocol was assigned number 1059. This number had been assigned to Dr. Kevin Ryan's protocol (formally 937). This protocol seems to be missing from the agenda as well.

Please let me know everyone's availability as soon as possible

Respectfully

*Mr. Harry Acosta LVT, LATg, ILAM  
City College of New York  
Director of Animal Care Facility  
P-212-650-8515  
F-212-6507545  
[Hacosta007@ccny.cuny.edu](mailto:Hacosta007@ccny.cuny.edu)*

---

**From:** Tricia Mayhew-Noel <[tmayhewnoel@ccny.cuny.edu](mailto:tmayhewnoel@ccny.cuny.edu)>

**Sent:** Wednesday, August 7, 2019 4:41 PM

**To:** Andreas H. Kottmann (<[akottmann@med.cuny.edu](mailto:akottmann@med.cuny.edu)>) <[AKottmann@med.cuny.edu](mailto:AKottmann@med.cuny.edu)>; Gloria Callender [REDACTED] <[REDACTED]@hotmail.com>; [REDACTED] <[REDACTED]@hotmail.com>; Harry Acosta <[hacosta007@ccny.cuny.edu](mailto:hacosta007@ccny.cuny.edu)>; Kaliris Salas <[ksalasram@ccny.cuny.edu](mailto:ksalasram@ccny.cuny.edu)>; Mark Pezzano [REDACTED] <[REDACTED]@gmail.com>; Richard Belgrave <[rbelgrave@ccny.cuny.edu](mailto:rbelgrave@ccny.cuny.edu)>; Steven Nicoll <[snicoll@ccny.cuny.edu](mailto:snicoll@ccny.cuny.edu)>; Steve Nicoll [REDACTED] <[REDACTED]@gmail.com>; Sulli Popilskis <[Sulli\\_Popilskis@nymc.edu](mailto:Sulli_Popilskis@nymc.edu)>

**Cc:** Institutional Animal Care and Use Committee <[iacuc@ccny.cuny.edu](mailto:iacuc@ccny.cuny.edu)>

Dear Committee,

The next IACUC meeting is scheduled for Wednesday, **August 14th**, in the Faculty Senate Office (SH150) at 1:00pm. Please find the agenda, April 2019 minutes, and protocols for review as attached.

**DMR Reviewers will be assigned as per Chairman** – Please advise if you're unavailable to conduct the DMR.

Any objections to DMR will be brought to the committee for review. [Please note that Read Receipts are being requested to document acknowledgment of DMR projects.](#)

**KINDLY CONFIRM YOUR ATTENDANCE AND ANY OBJECTIONS TO DMR DESIGNATED PROTOCOLS.**

**AGENDA:**

Discussion – None.

Minutes to be ratified:

- April 10, 2019

Protocols to be reviewed Full Committee:

- 1058, MS, Osteocytes, mitochondrial stress and bone loss in vivo (Cat D).
- 1061, RA, Early Detection of Breast Cancer Subtypes by Raman Spectroscopy with Heavy Water Labeling and MultiPhoton Microscopy (Cat. D).

Protocols to be assigned and reviewed via Designated Member Review (DMR):

- 1059, SG New endogenous ligands for the CD14 receptor: identification, characterization and function. Breeding-protocol – (Cat. B).
- 1060, SG, New endogenous ligands for the CD14 receptor: identification, characterization and function (Cat. C).
- 1030.1, JD, Ultrasonic Neuromodulation of Brain Oscillations in the Rat (Cat. D).

Protocols previously approved via DMR:

- 1055, BV, (previously 956.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Cat. D) (Revisions)
- 1056, BV, (previously 961.3) Molecular Mechanisms Regulating Immunoglobulin Diversification (Breeding Protocol) (Cat. C)
- 1028.1, LS, Pathogenic Potential of Antibodies to a Viral Protein that Cross-react with DNA (Cat. C)
- 1018.1A1, AC, Are current therapies addressing the disabilities of osteogenesis imperfecta effectively? (Cat. C)
- 1015.1A1, JY, Heart Failure in Mouse Models of Diabetes Mellitus (Breeding Protocol) (CAT. B)

Protocols PENDING approval:

- 1000.2, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1000.2A1, AR-C, Maternal Care and Hearing Development (Cat. C)
- 1045, AC, Sensorineural Hearing Loss in Osteogenesis Imperfecta (Cat. C)
- 1046, AR-C, Neurovascular Development in Mice (Cat. D)
- 1047, EF, Breeding protocol for Parkinson's and depression projects (Cat. C)
- 1048, HR/JC, L-DOPA induced dyskinesia in a unilateral lesion Parkinson's disease model (Cat. E)
- 1050, AR-C, Mouse Breeding for Neuroscience Research (Cat. B)
- 959.2A1 AR-C, Postnatal Development of Hearing in Mutant Mice (Cat. D)
- 1024 AR-C, Neurovascular Coupling in Auditory Development (Cat. D)
- 1025 CS, Characterization of the Ocular Signal Cascade in Myopia Development in Chicks (Cat. B)

**KINDLY CONFIRM YOUR ATTENDANCE.**

Director, Research Compliance & Ethics  
City College of New York  
Division for Research  
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New York, NY 10031  
1-212-650-7902 (phone)  
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<http://www.ccny.cuny.edu/irb/> (website)

---

This email was scanned by Bitdefender

**From:** D. Nguyen [REDACTED]@gmail.com>  
**Sent time:** 06/27/2019 11:56:35 AM  
**To:** Institutional Animal Care and Use Committee; Richard Belgrave; Harry Acosta  
**Cc:** Destiny Berisha [REDACTED]@gmail.com>; Jacek Dmochowski  
**Subject:** [EXTERNAL] Submission of Protocol 1030 with Major Amendments  
**Attachments:** IACUC Protocol 1080 - Major Amendment - 062719.pdf

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To the IACUC Committee,

We are submitting Protocol 1030 for some major amendments, see attachment for revised protocol with amendments (changes have been highlighted for viewing convenience).

The major amendments are:

1. We have increased our animal sample size to an addition of 100 more animals (rats) as we are now out of the piloting stage of our research. (30 animals were used in this past first year for piloting). Explanation and justification for more animals in regards to our research design have been amended to reflect this.
2. We are adding urethane into our protocol for longer induction/recording length experiments. We have also amended the protocol with justifications and explanation regarding this. Due to the nature of urethane being a carcinogenic substance, we have also add in handling and disposing procedures to comply with safety regulations.
3. Our surgical procedures have now been majorly edited to reflect what we learned from piloting. Including additions of things like eye gel.

Some minor amendments:

1. The removal of [REDACTED] in the protocol.
2. Addition of lubricating eye gel in the drug/substance list.
3. Update on personnel experience.

Thank you,  
Duc Nguyen

--

Duc Nguyen, MPH  
PhD Candidate, CCNY  
Dmochowski Lab  
Lab Manager  
[REDACTED]@gmail.com

**From:** Amanda Banks <abanks@ca-biomed.org>  
**Sent time:** 04/09/2019 12:01:52 PM  
**To:** Institutional Animal Care and Use Committee  
**Subject:** [EXTERNAL] Tomorrow is the LAST DAY for Early Bird Rates!! - CBRA IACUC YourWay & Annual Meeting



## Venue



South San Francisco Conference Center  
255 South Airport Blvd.  
South San Francisco, CA 94080  
Phone: (650) 877-8787  
[Website](#)

### Accommodations

With the Conference Center's prime location, attendees have a wide variety of South San Francisco accommodations nearby the venue to choose from.

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### Transportation, Parking, & Directions

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CBRA Member (One day) - \$375  
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Non CBRA Member (Two day) - \$775

### Discount Codes:

Members registering 4 or more, save 15% using code  
CBRAMEM4

Non Members registering 4 or more, save 10% using code  
NONMEM4

**REGISTER NOW**

## Agenda

**IACUC YourWay: From AtoZ**  
*Tuesday May 7th*  
7:00AM - 5:30PM

**CBRA Annual Dinner ~ Keynote  
Address ~ Awards Ceremony**  
*Tuesday, May 7th*  
5:30PM

**35th Annual Educational Symposium**  
*Wednesday, May 8th*  
7:30AM - 4:30PM

IACUC YourWay: From AtoZ™ is a full-day, groundbreaking, and interactive training program developed by the California Biomedical Research Association (CBRA) for both new and seasoned Institutional Animal Care and Use Committees (IACUCs) and those who support them.

While the responsibilities of IACUCs may vary by institution, these committees are key to a successful animal program. IACUC YourWay: From AtoZ™ is designed to cover IACUC issues pertinent to all animal research programs. The program is divided into separate cutting-edge training modules, and topics addressed include key components of animal care and use programs; the structure, functions, and role of an IACUC; personnel qualifications and training; post approval monitoring; occupational health and safety programs; and emerging issues of compliance. In addition, the training will conclude with interactive case study scenarios.

This program has been approved for both **CPIA**  
**and RACE CEUs!!**

**PROGRAM AGENDAS**

## Speakers Include:

### IACUC YourWay: From AtoZ - May 7th

#### Program Faculty

- ~ Marcy Brown, BS, MA, CMAR, CPIA, Animal Welfare & IACUC Program Specialist
- ~ Deb Frolicher, BS, CPIA, Director, IACUC Office, The Scripps Research Institute

#### Luncheon Speaker

- ~ Jennifer Perkins, MA, CPIA, Director, Research Safety & Animal Welfare Administration, UCLA

### Keynote Address - CBRA 35th Annual Dinner - May 7th

- ~ Carol Green, Senior Director, Toxicology & Metabolism  
SRI Member CounterACT Program, Tans-NIH Initiative in Translational Research

### CBRA 35th Annual Meeting - May 8th

- ~ Matthew Bailey, President, National Association for Biomedical Research
- ~ Robert Gibbens, DVM, Director, Animal Welfare Operations, USDA, APHIS, Animal Care
- ~ Megan Albertelli, DVM, PhD, DACLAM, Associate Professor, Stanford University
- ~ Will So, PhD, Policy & Program Specialist, Biological Countermeasures Unit Weapons of Mass Destruction, FBI

## SPONSOR OPPORTUNITIES

The CBRA & CSBR Annual Meeting and Awards Reception is the primary fund-raising event for the K-12 life-science educational programs and public outreach activities of the Society.

All net proceeds go directly to these programs, which include the development and free distribution of curriculum resource materials that are in alignment with state and national science and health teaching standards; awards at regional science fairs; an active Speakers' Bureau; and public outreach on the importance of biomedical research.

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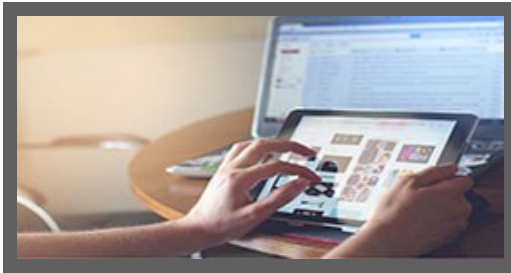
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- Johny Garner, Ragland, Leite, Young, Bergquist, Summers, . . . Ivy (Texas Christian University, USA), [A long look back: An analysis of 50 years of organizational communication research \(1964–2013\)](#)
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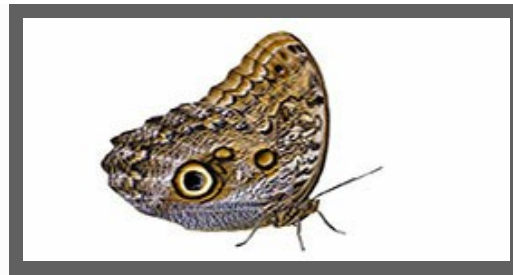
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## Bioevolutionary Communication

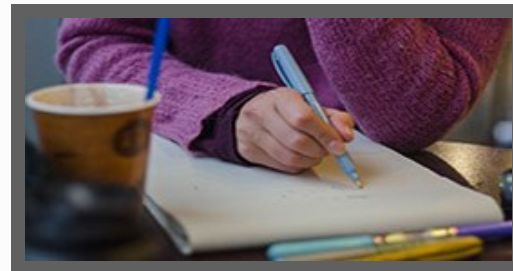


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## Communication Theory



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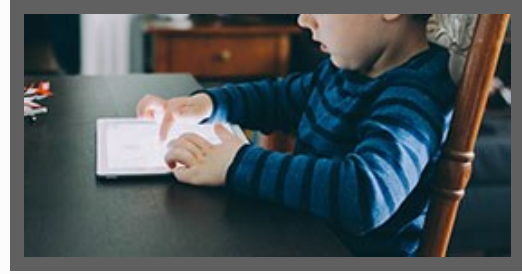


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Like many, we're sure you're looking forward to Friday, however, finding ways to keep your occupancy steady through the week can help your property avoid the weekday blues.

**Here are 3 tips that can help:**

**1. Create and promote weekday specials.**

Offer meal or drink deals, create one-day events, or package up additional services like fitness classes and spa treatments, with accommodation. This extra value just might be the midweek pick-me-up that your guests need.

**2. When it comes to marketing, think who might be a weekday target audience, and geographically where they are.**

Prioritise targeting guests who are close enough for a short trip, but far enough that they'd still need overnight accommodation. You can also think about local businesses who may need to turn meetings or social

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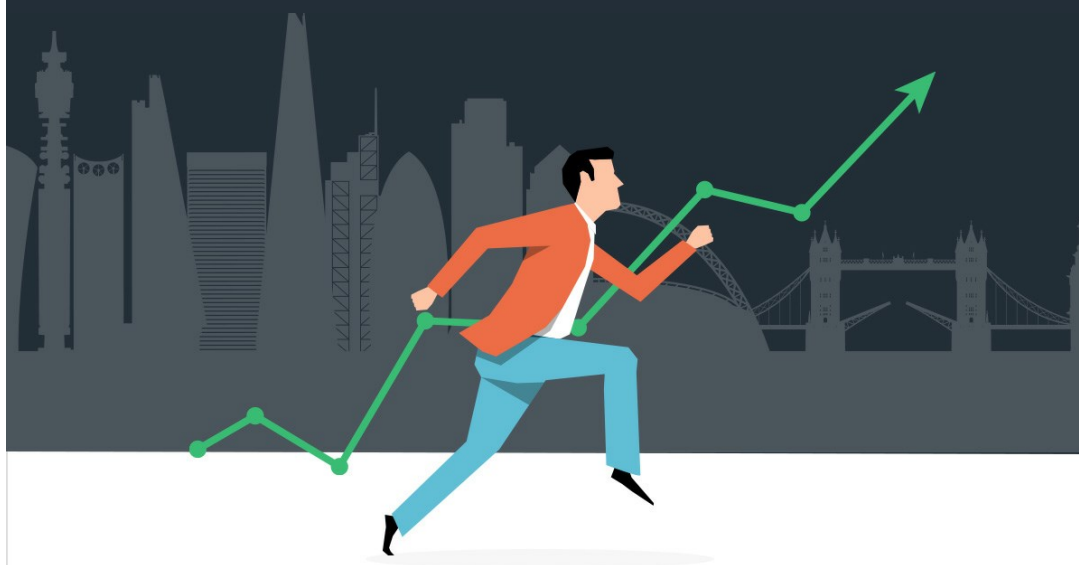


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2. United States
3. Germany
4. Ireland
5. Spain



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