

IACUC Protocol Trackable Components Checklist

Protocol #: 22 1903R If for amendment, amendment #:

PI: [REDACTED]

Species: NHP

Highest Category of Pain: D

Completed by [REDACTED]

Date completed: 1/4/22

☐

No trackable components in this document

Exceptions to the Guide:

☒

Food/Fluid Regulation

Species: NHP

What Restricted: Food

Parameters: Animals performing the hand reach task may have their biscuit allotment restricted to half the normal allotment to provide incentive for the task. Restriction during the initial task training period will last up to one month. Food restricted animals will be weighed weekly, or twice per week if body mass loss exceeds 8% of starting mass; animals that lose 10% or more body weight or whose BCS drops to 3.5/9 or below will be removed from food restriction.

☐

Prolonged Restraint

Species:

Details:

☒

Husbandry Deviation from the Guide

Species: NHP

Deviation: Single housing if suitable pairing partners are not available. Animals that will undergo the hand reach task are permanently exempt from establishment of new social housing pairs.

☐

Other:

Other Trackable Components:

☐

Survival Surgery(ies)

Species:

Surgery(ies):

Multiple Major?: ☐ Yes ☐ No

☒

Hazardous Agents

Biological (list agent and hazard level):

Chemical (note category – toxicant, toxin, irritant, carcinogen, etc.): 4% Formaldehyde

Physical (note type - radiation, UV light, lasers, noise, magnetic fields, etc.):

☐

Non Centralized Animal Housing

Location:

IACUC Protocol Trackable Components Checklist

Maximum duration:

- ☐ Decapitation
- ☐ USDA-covered Species exempt from USDA reporting

From: Karen Kibler
To: [REDACTED]
Cc: IACUC@asu.edu
Subject: [REDACTED] 22-1903R Vet Cleared-pee [REDACTED]-mtg
Date: Wednesday, January 26, 2022 2:35:48 PM
Attachments: [REDACTED] 22-1903R Vet Cleared-pee [REDACTED].docx

This protocol has cleared both peer and primary review.

Thanks,
Karen

Institutional Animal Care and Use Committee (IACUC)

Office of Research Integrity and Assurance

Arizona State University

Animal Protocol Review

ASU Protocol Number: 22-1903R RFC 1
Protocol Title: Primate Holding, Assessment, and Training
Principal Investigator: [REDACTED]
Date of Action: 7/6/2022

The animal protocol review was considered by the Committee and the following decisions were made:

**The request for changes was administratively approved to add [REDACTED]
[REDACTED] as additional personnel to the protocol.**

NOTE: If you have not already done so, documentation of Level III Training (i.e., procedure-specific training) will need to be provided to the IACUC office before participants can perform procedures without supervision. For more information on Level III requirements see <https://researchintegrity.asu.edu/animals/training>, or contact [Research Support Services within DACT](#) at [REDACTED].

Additional requirements:

- ☐ This protocol requires that Research Support Services group within DACT provide supervision for the first time a procedure is conducted. Contact [REDACTED] to schedule.
- ☐ This protocol indicates that there are surgical procedures. A surgical checklist may be required to be submitted to Research Support Services within DACT [REDACTED], prior to starting surgeries.
- ☐ Other requirements:

Total # of Animals: 150
Species: NHP Pain Category: D

Protocol Approval Period: 1/27/2022 – 1/26/2025

Sponsor: N/A
ASU Proposal/Award #: N/A
Title: N/A

Signature: [REDACTED]

IACUC Chair or Designee

Date: 7/7/2022

Cc: IACUC Office
IACUC Chair

PERSONNEL MODIFICATION FORM

IACUC and IBC

This form can be used to add or remove participants from both an IACUC protocol and an IBC disclosure. Please submit only one form to Research.Integrity@asu.edu and it will be processed by both committees.

Principal Investigator Name: [REDACTED]	Phone: [REDACTED]
Dept: ASU-Banner Neurodegenerative Disease Research Center	Email: [REDACTED]

Participant #1	Add to: <input checked="" type="checkbox"/> IBC #SPROTO202100000070 <input checked="" type="checkbox"/> IACUC # 21-1867R, 22-1872R, 22-1873R, 22-1880R, 22-1886R, 22-1887R, 22-1898R, 22-1901R, 22-1903R, 22-1918R	FOR ORIA USE ONLY Training Verification
	Delete from: <input type="checkbox"/> IBC # <input type="checkbox"/> IACUC #	
Name: [REDACTED]	ASURITE: [REDACTED]	
Project Responsibilities in IBC: Will handle AAV viral vectors, alpha-synuclein preformed fibrils, Human Lewy Body extracts, and mouse/rat/nonhuman primate blood/CSF/brain tissue.		Added in ERA
Experience/Training in These Responsibilities: 7 years' experience in rodent and macaque research with ASU DACT.		
What procedures are they responsible for on the IACUC protocol (please note which procedures are being done independently and which are done under supervision: Macaques: Intracranial surgery, intracarotid surgery, MRI, PET scan, blood/CSF collection, behavioral tests, administration of medications, and necropsy (all under direct supervision until certified). Rats: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified). Mice: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified).		5/2019 OHSP
Species: Macaques, Rats, Mice Experience and training with species and procedures: 7 years' experience in rodent and macaque research with ASU DACT.		

Assurance

As Principal Investigator, I assure that personnel will receive appropriate training prior to working with animals or biological materials as applicable.

Principal Investigator Signature: [REDACTED]

Date: [7/1/22](#)

FOR ORIA USE ONLY	<input type="checkbox"/> IBC Approved	<input checked="" type="checkbox"/> IACUC Approved 7/6/2022
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Institutional Animal Care and Use Committee (IACUC)

Office of Research Integrity and Assurance

Arizona State University

Animal Protocol Review

ASU Protocol Number: 22-1903R RFC 2
Protocol Title: Primate Holding, Assessment, and Training
Principal Investigator: [REDACTED]
Date of Action: 8/2/2022

The animal protocol review was considered by the Committee and the following decisions were made:

**The request for changes was administratively approved to add [REDACTED]
and [REDACTED] as additional personnel to the protocol.**

NOTE: If you have not already done so, documentation of Level III Training (i.e., procedure-specific training) will need to be provided to the IACUC office before participants can perform procedures without supervision. For more information on Level III requirements see <https://researchintegrity.asu.edu/animals/training>, or contact [Research Support Services within DACT at \[REDACTED\]](#)

Additional requirements:

- ☐ This protocol requires that Research Support Services group within DACT provide supervision for the first time a procedure is conducted. Contact [REDACTED] to schedule.
- ☐ This protocol indicates that there are surgical procedures. A surgical checklist may be required to be submitted to Research Support Services within DACT [REDACTED] prior to starting surgeries.
- ☒ Other requirements: IBC approval of new personnel is required before work with biohazardous materials may begin.

Total # of Animals: 150
Species: NHP Pain Category: D

Protocol Approval Period: 1/27/2022 – 1/26/2025

Sponsor: N/A
ASU Proposal/Award #: N/A
Title: N/A

Signature: [REDACTED]
IACUC Chair or Designee

Date: 8/2/2022

Cc: IACUC Office
IACUC Chair

PERSONNEL MODIFICATION FORM

IACUC and IBC

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Principal Investigator Name: [REDACTED]	Phone: [REDACTED]
Dept: ASU-Banner Neurodegenerative Disease Research Center	Email: [REDACTED]

Participant #1	Add to: <input checked="" type="checkbox"/> IBC #SPROTO20210000070 <input checked="" type="checkbox"/> IACUC # 21-1867R, 22-1872R, 22-1873R, 22-1880R, 22-1886R, 22-1887R, 22-1898R, 22-1901R, 22-1903R, 22-1918R		FOR ORIA USE ONLY Training Verification
	Delete from: <input type="checkbox"/> IBC # <input type="checkbox"/> IACUC #		
Name: [REDACTED]	ASURITE: [REDACTED]	Email: [REDACTED]	
Project Responsibilities in IBC: Will handle AAV viral vectors, alpha-synuclein preformed fibrils, Human Lewy Body extracts, and mouse/rat/nonhuman primate blood/CSF/brain tissue.			
Experience/Training in These Responsibilities: No previous experience			
What procedures are they responsible for on the IACUC protocol (please note which procedures are being done independently and which are done under supervision: Macaques: Intracranial surgery, intracarotid surgery, MRI, PET scan, blood/CSF collection, behavioral tests, administration of medications, and necropsy (all under direct supervision until certified). Rats: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified). Mice: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified).			7/2022 OHSP
Species: Macaques, Rats, Mice Experience and training with species and procedures: No previous experience			
Participant #2	Add to: <input checked="" type="checkbox"/> IBC #SPROTO20210000070 <input checked="" type="checkbox"/> IACUC # 21-1867R, 22-1872R, 22-1873R, 22-1880R, 22-1886R, 22-1887R, 22-1898R, 22-1901R, 22-1903R, 22-1918R		FOR ORIA USE ONLY Training Verification
	Delete from: <input type="checkbox"/> IBC # <input type="checkbox"/> IACUC #		
Name: [REDACTED]	ASURITE: [REDACTED]	Email: [REDACTED]	
Project Responsibilities in IBC: Will handle AAV viral vectors, alpha-synuclein preformed fibrils, Human Lewy Body extracts, and mouse/rat/nonhuman primate blood/CSF/brain tissue.			
Experience/Training in These Responsibilities: No previous experience			
What procedures are they responsible for on the IACUC protocol (please note which procedures are being done independently and which are done under supervision: Macaques: Intracranial surgery, intracarotid surgery, MRI, PET scan, blood/CSF collection, behavioral tests, administration of medications, and necropsy (all under direct supervision until certified). Rats: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified). Mice: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified).			7/2022 OHSP
Species: Macaques, Rats, Mice Experience and training with species and procedures: No previous experience			

Assurance

Revised 11/20/12

As Principal Investigator, I assure that personnel will receive appropriate training prior to working with animals or biological materials as applicable.

Principal Investigator Signature:

[Redacted Signature]

Date: 8/1/22

FOR ORIA USE ONLY	<input type="checkbox"/> IBC Approved	<input checked="" type="checkbox"/> IACUC Approved 8/2/2022
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Institutional Animal Care and Use Committee (IACUC)

Office of Research Integrity and Assurance

Arizona State University

Animal Protocol Review

ASU Protocol Number: 22-1903R RFC 3
Protocol Title: Primate Holding, Assessment, and Training
Principal Investigator: [REDACTED]
Date of Action: 8/11/2022

The animal protocol review was considered by the Committee and the following decisions were made:

The request for changes was approved by Designated Review to update the possible detrimental sequelae on the protocol.

NOTE: If you have not already done so, documentation of Level III Training (i.e., procedure-specific training) will need to be provided to the IACUC office before participants can perform procedures without supervision. For more information on Level III requirements see <https://researchintegrity.asu.edu/animals/training>, or contact Research Support Services within DACT at [REDACTED]

Additional requirements:

- ☐ This protocol requires that Research Support Services group within DACT provide supervision for the first time a procedure is conducted. Contact [REDACTED] to schedule.
- ☐ This protocol indicates that there are surgical procedures. A surgical checklist may be required to be submitted to Research Support Services within DACT [REDACTED] prior to starting surgeries.
- ☐ Other requirements:

Total # of Animals: 150
Species: NHP Pain Category: D

Protocol Approval Period: 1/27/2022 – 1/26/2025

Sponsor: N/A
ASU Proposal/Award #: N/A
Title: N/A

Signature: [REDACTED]
IACUC Chair or Designee

Date: 8/11/2022

Cc: IACUC Office
IACUC Chair

ARIZONA STATE UNIVERSITY

Institutional Animal Care and Use Committee

REQUEST FOR CHANGES TO AN APPROVED PROTOCOL

Protocol No. 21-1867R, 22-1872R, 22-1873R, 22-1880R, 22-1886R, 22-1887R, 22-1898R, 22-1901R, 22-1903R, 22-1918R

Title: Differential diagnosis of Parkinson's and multiple system atrophy in non-human primate models using a novel a-synuclein retinal contrast agent and AI-assisted analytics
Kinase activation in multiple system atrophy
Reprogramming astrocytes to functional dopaminergic neurons in non-human primate brain
Co-Pathologies Drive Neuroinflammation and Progression in PD
Genetic Silencing of Striatal CaV1.3 Calcium Channels as a Potent Antidyskinetic Therapy for PD
AAV Trehalose in an NHP model of Alzheimer's Disease
BAG3 in Rodent Models of Neurodegenerative Disease
Bifunctional intrabody targeting intracellular alpha-synuclein
Primate Holding, Assessment, and Training
AAV-GBA Therapy in an NHP model of PD

Principal Investigator: [REDACTED] Email Address: [REDACTED]

If not PI, whom should we contact for questions related to this amendment? [REDACTED] Email Address: [REDACTED]

☒ Funded ☐ Unfunded

Requested Change (check all that apply):

- ☐ New procedures to be performed – complete Part A, and Appendix 1 and/or 2 as applicable, and sign assurance.
☐ New species and or an increase in the number of animals to be used – complete Part A and sign assurance.
☐ New location of housing or procedures – complete Part A and sign assurance.
☐ New personnel – complete Part B and sign assurance.
☒ Other (includes changes in dosages, funding, etc.) – complete Part A and sign assurance.

A. Description of Requested Changes

For new procedures or additional animals that are USDA-covered species (all mammals EXCEPT mice and rats bred for research), list the **Category of Pain**:

For new procedures or additional animals that are not USDA-covered species, will there be the potential to involve more than slight or momentary pain or distress that will NOT be relieved with anesthetics, analgesics, tranquilizer drugs, or other methods for relieving pain or distress (e.g., negative conditioning, unrelieved post-surgical pain, death without euthanasia)? ☐ No ☐ Yes

If yes, describe and justify:

If you are adding a procedure that could create pain or distress, you need to include a **literature search** for alternatives.

If you are adding a new survival surgery, submit a surgical checklist.

If you are requesting an increase in animal numbers, provide justification with supportive statistics.

If you are adding additional funding sources, provide the grant agency, grant title and ASU proposal or award number.

Describe the changes you are requesting. We would like to add additional possible detrimental sequelae.

Possible Clinical Effect	Probability of Occurrence	Treatment
Surgical and other procedures performed under anesthesia may rarely result in death or permanent disability due to hemorrhage, edema, thrombosis, infection, toxicity, or complications due to anesthesia.	Rare	Consult with veterinary staff if clinical signs develop. Euthanasia may be considered.

Revised 2/25/2021

Obtained by Rise for Animals.

Uploaded to Animal Research Laboratory Overview (ARLO) on 08/15/2023

PRR22-11_0785

B. Addition of Personnel

All personnel who work with animals are required to have animal care training within the last four years. ASU IACUC training modules can be completed at https://asu.co1.qualtrics.com/jfe/form/SV_b2b2XRXRrs1309f. Personnel are required to have Level III training certification on file with the IACUC office in order to perform procedures independently (without supervision). Training can be received from DACT staff or PIs can have a member of their lab approved by DACT to be a Certified Trainer who can then train others. Simply being Level III certified does not allow the training of others. See the IACUC web site (<https://researchintegrity.asu.edu/animals/training>) for more information on training and Level III forms.

*** Procedures other than husbandry, handling, or behavioral testing MUST be performed under supervision unless the person is Level III certified to conduct the procedure independently. Personnel are not Level III certified until the IACUC has reviewed and approved the Level III training documentation. The PI is responsible for ensuring that personnel who are not Level III certified are supervised at all times.**

<u>Name</u>	<u>Title</u>	<u>ASURITE name</u>	<u>What activities will each person perform on live animals ONLY while under direct supervision?</u>	<u>What activities will each person be allowed to perform independently (including appropriate Level 3 certification*) at the time of protocol submission?</u>	<u>Species with which individual will have direct contact ("all" or list species) *</u>	<u>IACUC USE ONLY Training (mm/yy)</u>

For each individual, describe the individual's training and years of experience with all listed species and procedures they will be conducting under this protocol. For procedures for which they are not yet trained, but will likely be trained to do during the activity period of this protocol, provide a description of who will provide such training:

Assurance

As Principal Investigator of this protocol, I assure that all procedures will be conducted as described in this request for changes and that personnel will receive appropriate additional training prior to conducting any new procedures that are not listed above.

SIGNED:

[Redacted Signature]

Principal Investigator

8/4/2022

Date

For IACUC use only:

- ☐ Administratively approved - Approving administrator: _____ Date of approval: _____
- ☐ Administratively handled by VCV - Veterinarian providing verification: _____ Date of verification: _____
- Sources used for verification:
- ☒ Approved by Designated Review – Designated reviewer: Karen Kbler Date of approval: 8/11/2022
- ☐ Approved by Full Committee Review – Primary reviewer: _____ Date of approval: _____

Revised 2/25/2021

Obtained by Rise for Animals.

Uploaded to Animal Research Laboratory Overview (ARLO) on 08/15/2023

PRR22-11_0786

From: Karen Kibler
To: [REDACTED]
Cc: IACUC@asu.edu
Subject: Multiprotocol RFC
Date: Tuesday, August 9, 2022 10:46:50 AM
Attachments: [REDACTED] [Multiprotocol RFC 8.5.2022 Final.docx](#)

Hello [REDACTED]

The attached version is DR approved.

Thanks,
Karen

To: [REDACTED] iacuc@asu.edu
Subject: RE: Action Required: Designated Review for [REDACTED] Multiprotocol RFC 8.5.2022

From: [REDACTED]
Sent: Tuesday, August 9, 2022 9:47 AM

To: [REDACTED] Dale DeNardo Karen Kibler

Cc: IACUC@asu.edu
Subject: Action Required: Designated Review for [REDACTED] Multiprotocol RFC 8.5.2022
Importance: High

Designated Reviewer: Karen Kibler
Principal Investigator: [REDACTED]
Peer Reviewer: N/A
Protocol Number: [REDACTED] Multiprotocol RFC 8.5.2022

Tracking:	Recipient	Response
	[REDACTED]	Yes: 8/9/2022 10:15 AM
	[REDACTED]	Yes: 8/9/2022 10:10 AM
	Dale DeNardo	Yes: 8/9/2022 10:31 AM
	[REDACTED]	Yes: 8/10/2022 7:56 AM
	Karen Kibler	Yes: 8/9/2022 10:15 AM
	[REDACTED]	Yes: 8/9/2022 11:17 AM
	[REDACTED]	Yes: 8/9/2022 3:29 PM
	[REDACTED]	Yes: 8/9/2022 10:13 AM
	[REDACTED]	Yes: 8/10/2022 5:06 PM

A request for an amendment to the referenced protocols has been submitted. The request for amendment is attached and the various related protocols are available at the SharePoint site. The Designated Review process allows IACUC members, by voting, to permit the Designated Reviewer to approve or disapprove an amendment request.

Select **"YES"** if you approve the use of the designated review process for this amendment.

Select **"NO"** if you disapprove the use of designated review process regarding this amendment request. The amendment will then be reviewed at the next monthly IACUC meeting.

Select **"Abstain"** if you would like to abstain from the vote for any reason.

Select **"Recuse"** if you have a conflict of interest.

Please indicate your approval or disapproval of the request for designated review by using the YES or NO button in the toolbar at the top of this message. The use of "YES or NO" buttons allows you to submit comments along with your choice. **You may also send your comments to me directly or to the primary reviewer without using the selection buttons. Please copy me on all correspondence and email related to this request.**

Sincerely,

IACUC Protocol Trackable Components Checklist

Protocol #: 22-1903R

If for amendment, amendment #: 3

PI: [REDACTED]

Species: NHP

Highest Category of Pain: D

Completed by: [REDACTED]

Date completed: 8/8/22

☐ No trackable components in this document

Exceptions to the Guide:

☒ Food/Fluid Regulation

Species: NHP

What Restricted: Food

Parameters: Animals performing the hand reach task may have their biscuit allotment restricted to half the normal allotment to provide incentive for the task. Restriction during the initial task training period will last up to one month. Food restricted animals will be weighed weekly, or twice per week if body mass loss exceeds 8% of starting mass; animals that lose 10% or more body weight or whose BCS drops to 3.5/9 or below will be removed from food restriction.

☐ Prolonged Restraint

Species:

Details:

☒ Husbandry Deviation from the Guide

Species: NHP

Deviation: Single housing if suitable pairing partners are not available. Animals that will undergo the hand reach task are permanently exempt from establishment of new social housing pairs.

☐ Other:

Other Trackable Components:

☐ Survival Surgery(s)

Species:

Surgery(s):

Multiple Major?: ☐ Yes ☐ No

☒ Hazardous Agents

Biological (list agent and hazard level):

Chemical (note category – toxicant, toxin, irritant, carcinogen, etc.): 4% Formaldehyde

Physical (note type - radiation, UV light, lasers, noise, magnetic fields, etc.):

☐ Non-Centralized Animal Housing

Location:

IACUC Protocol Trackable Components Checklist

Maximum duration:

- ☐ Decapitation
- ☐ USDA-covered Species exempt from USDA reporting

Institutional Animal Care and Use Committee (IACUC)

Office of Research Integrity and Assurance

Arizona State University

Animal Protocol Review

ASU Protocol Number: 22-1903R RFC 4
Protocol Title: Primate Holding, Assessment, and Training
Principal Investigator: [REDACTED]
Date of Action: 9/2/2022

The animal protocol review was considered by the Committee and the following decisions were made:

**The request for changes was administratively approved to add [REDACTED]
[REDACTED] as additional personnel to the protocol.**

NOTE: If you have not already done so, documentation of Level III Training (i.e., procedure-specific training) will need to be provided to the IACUC office before participants can perform procedures without supervision. For more information on Level III requirements see <https://researchintegrity.asu.edu/animals/training>, or contact Research Support Services within DACT at [REDACTED]

Additional requirements:

- ☐ This protocol requires that Research Support Services group within DACT provide supervision for the first time a procedure is conducted. Contact [REDACTED] to schedule.
- ☐ This protocol indicates that there are surgical procedures. A surgical checklist may be required to be submitted to Research Support Services within DACT [REDACTED] prior to starting surgeries.
- ☒ Other requirements: IBC approval of new personnel is required before work with biohazardous materials may begin.

Total # of Animals: 150
Species: NHP Pain Category: D

Protocol Approval Period: 1/27/2022 – 1/26/2025

Sponsor: N/A
ASU Proposal/Award #: N/A
Title: N/A

Signature: [REDACTED]
IACUC Chair or Designee

Date: 9/7/2022

Cc: IACUC Office
IACUC Chair

PERSONNEL MODIFICATION FORM

IACUC and IBC

This form can be used to add or remove participants from both an IACUC protocol and an IBC disclosure. Please submit only one form to Research.Integrity@asu.edu and it will be processed by both committees.

Principal Investigator Name: [REDACTED]	Phone: [REDACTED]
Dept: ASU-Banner Neurodegenerative Disease Research Center	Email: [REDACTED]

Participant #1	Add to: <input checked="" type="checkbox"/> IBC #SPROTO202100000070 <input checked="" type="checkbox"/> IACUC # 21-1867R, 22-1872R, 22-1873R, 22-1880R, 22-1886R, 22-1887R, 22-1898R, 22-1901R, 22-1903R, 22-1918R	FOR ORIA USE ONLY Training Verification
	Delete from: <input type="checkbox"/> IBC # <input type="checkbox"/> IACUC #	
Name: [REDACTED]	ASURITE [REDACTED]	Email: [REDACTED]
Project Responsibilities in IBC: Will handle AAV viral vectors, alpha-synuclein preformed fibrils, Human Lewy Body extracts, and mouse/rat/nonhuman primate blood/CSF/brain tissue.		Being added in ERA
Experience/Training in These Responsibilities: No previous experience		
What procedures are they responsible for on the IACUC protocol (please note which procedures are being done independently and which are done under supervision: Macaques: Intracranial surgery, intracarotid surgery, MRI, PET scan, blood/CSF collection, behavioral tests, administration of medications, and necropsy (all under direct supervision until certified). Rats: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified). Mice: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified).		8/2022 OHSP
Species: Macaques, Rats, Mice Experience and training with species and procedures: 1 year experience working with rats in research		

Assurance

As Principal Investigator, I assure that personnel will receive appropriate training prior to working with animals or biological materials as applicable.

Principal Investigator Signature: [REDACTED]

Date: 9/1/22

FOR ORIA USE ONLY	<input type="checkbox"/> IBC Approved	<input checked="" type="checkbox"/> IACUC Approved 9/2/2022
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Institutional Animal Care and Use Committee (IACUC)

Office of Research Integrity and Assurance

Arizona State University

Animal Protocol Review

ASU Protocol Number: 22-1903R RFC 5
Protocol Title: Primate Holding, Assessment, and Training
Principal Investigator: [REDACTED]
Date of Action: 9/23/2022

The animal protocol review was considered by the Committee and the following decisions were made:

**The request for changes was administratively approved to add [REDACTED]
[REDACTED] as additional personnel.**

NOTE: If you have not already done so, documentation of Level III Training (i.e., procedure-specific training) will need to be provided to the IACUC office before participants can perform procedures without supervision. For more information on Level III requirements see <https://researchintegrity.asu.edu/animals/training>, or contact Research Support Services within DACT at [REDACTED]

Additional requirements:

- ☐ This protocol requires that Research Support Services group within DACT provide supervision for the first time a procedure is conducted. Contact [REDACTED] to schedule.
- ☐ This protocol indicates that there are surgical procedures. A surgical checklist may be required to be submitted to Research Support Services within DACT [REDACTED], prior to starting surgeries.
- ☒ Other requirements: IBC approval of new personnel is required before work with biohazardous materials may begin.

Total # of Animals: 150
Species: NHP Pain Category: D

Protocol Approval Period: 1/27/2022 – 1/26/2025

Sponsor: N/A
ASU Proposal/Award #: N/A
Title: N/A

Signature: [REDACTED]
IACUC Chair or Designee

Date: 9/27/2022

Cc: IACUC Office
IACUC Chair

PERSONNEL MODIFICATION FORM

IACUC and IBC

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Principal Investigator Name: [REDACTED]	Phone: [REDACTED]
Dept: ASU-Banner Neurodegenerative Disease Research Center	Email: [REDACTED]

Participant #1	Add to: <input checked="" type="checkbox"/> IBC #SPROTO202100000070 <input checked="" type="checkbox"/> IACUC # 21-1867R, 22-1872R, 22-1873R, 22-1880R, 22-1886R, 22-1887R, 22-1898R, 22-1901R, 22-1903R, 22-1918R	FOR ORIA USE ONLY Training Verification
	Delete from: <input type="checkbox"/> IBC # <input type="checkbox"/> IACUC #	
Name: [REDACTED]	ASURITE: [REDACTED]	Email: [REDACTED]
Project Responsibilities in IBC: Will handle AAV viral vectors, alpha-synuclein preformed fibrils, Human Lewy Body extracts, and mouse/rat/nonhuman primate blood/CSF/brain tissue.		Already on IBC in ERA
Experience/Training in These Responsibilities: No previous experience		
What procedures are they responsible for on the IACUC protocol (please note which procedures are being done independently and which are done under supervision: Macaques: Intracranial surgery, intracarotid surgery, MRI, PET scan, blood/CSF collection, behavioral tests, administration of medications, and necropsy (all under direct supervision until certified). Rats: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified). Mice: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified).		8/2022 OHSP
Species: Macaques, Rats, Mice Experience and training with species and procedures: No previous experience		
Participant #2	Add to: <input checked="" type="checkbox"/> IBC #SPROTO202100000070 <input checked="" type="checkbox"/> IACUC # 21-1867R, 22-1872R, 22-1873R, 22-1880R, 22-1886R, 22-1887R, 22-1898R, 22-1901R, 22-1903R, 22-1918R	FOR ORIA USE ONLY Training Verification
	Delete from: <input type="checkbox"/> IBC # <input type="checkbox"/> IACUC #	
Name: [REDACTED]	ASURITE: [REDACTED]	Email: [REDACTED]
Project Responsibilities in IBC: Will handle AAV viral vectors, alpha-synuclein preformed fibrils, Human Lewy Body extracts, and mouse/rat/nonhuman primate blood/CSF/brain tissue.		Being added in ERA
Experience/Training in These Responsibilities: No previous experience		
What procedures are they responsible for on the IACUC protocol (please note which procedures are being done independently and which are done under supervision: Macaques: Intracranial surgery, intracarotid surgery, MRI, PET scan, blood/CSF collection, behavioral tests, administration of medications, and necropsy (all under direct supervision until certified). Rats: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified). Mice: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified).		10/2018 9/2022 NHP OHSP
Species: Macaques, Rats, Mice Experience and training with species and procedures: 3 years experience working with mice in research		
Participant #3	Add to: <input checked="" type="checkbox"/> IBC #SPROTO202100000070 <input checked="" type="checkbox"/> IACUC # 21-1867R, 22-1872R, 22-1873R, 22-1880R, 22-1886R, 22-1887R, 22-1898R, 22-1901R, 22-1903R, 22-1918R	FOR ORIA USE ONLY Training Verification
	Delete from: <input type="checkbox"/> IBC # <input type="checkbox"/> IACUC #	

Delete from: <input type="checkbox"/> IBC # <input type="checkbox"/> IACUC #		
Name: [REDACTED]	ASURITE: [REDACTED]	Email: [REDACTED]
Project Responsibilities in IBC: Will handle AAV viral vectors, alpha-synuclein preformed fibrils, Human Lewy Body extracts, and mouse/rat/nonhuman primate blood/CSF/brain tissue.		Need to add in ERA
Experience/Training in These Responsibilities: No previous experience		
What procedures are they responsible for on the IACUC protocol (please note which procedures are being done independently and which are done under supervision: Macaques: Intracranial surgery, intracarotid surgery, MRI, PET scan, blood/CSF collection, behavioral tests, administration of medications, and necropsy (all under direct supervision until certified). Rats: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified). Mice: Intracranial surgery, blood/CSF collection, behavioral tests, administration of any medications, and necropsy (all under direct supervision until certified).		9/2022 OHSP
Species: Macaques, Rats, Mice Experience and training with species and procedures: No previous experience		

Assurance

As Principal Investigator, I assure that personnel will receive appropriate training prior to working with animals or biological materials as applicable.

Principal Investigator Signature:

[REDACTED]

Date: 8/25/22

FOR ORIA USE ONLY	<input type="checkbox"/> IBC Approved	<input checked="" type="checkbox"/> IACUC Approved 9/23/2022
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