

Name: Columbia University [A141]

✓

FOR OFFICE USE ONLY	
Recd	
Code	A141

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
LABORATORY ANIMAL WELFARE PROGRAM
EMPIRE STATE PLAZA, P.O. BOX 509
ALBANY, NEW YORK 12201-0509

2018 RENEWAL APPLICATION
FOR APPROVAL FOR USE OF LIVING ANIMALS

SECTION I - GENERAL LABORATORY/INSTITUTION INFORMATION

CURRENT DATA	INDICATE CHANGES HERE
Laboratory/Institution Name: Columbia University	
Address 1: 630 West 168th St. Box 64	
Address 2: College of Physicians & Surgeons	
City, State, Zipcode: New York, NY 10032	
County: New York	
Telephone Number: 212-342-1142	
Fax Number: 212-305-6833	
E-mail Address: MS4387@cumc.columbia.edu	

AW-APP01(10/2007)

RECEIVED
DEC 4 2018
FACILITIES MANAGEMENT

RECEIVED
NOV 19 2018
FACILITIES MANAGEMENT

FSB
11-26-18

SECTION I - GENERAL LABORATORY/INSTITUTION INFORMATION

Ownership:

- ☐ Corporation ☐ Government ☐ Individual ☒ Not For Profit ☐ Partnership
☐ Other: _____

Facility Type:

- ☐ 2 Year College ☒ 4 Year College ☐ Clinical or Environmental Lab
☐ Hospital ☒ Medical School ☐ Product Testing Lab
☐ Public Health Lab ☐ Research & Development Lab ☐ Veterinary School
☐ Other: _____

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SECTION II - PROGRAM INFORMATION

Animals (Check all that apply):

- | | | | |
|--|---|--|---|
| <input checked="" type="checkbox"/> Mice (genus mus) ✓ | <input type="checkbox"/> Hamsters | <input checked="" type="checkbox"/> Fish ✓ | <input type="checkbox"/> Sheep/Goats |
| <input checked="" type="checkbox"/> Mice (wild or other) ✓ | <input checked="" type="checkbox"/> Guinea Pigs ✓ | <input type="checkbox"/> Cats | <input type="checkbox"/> Cattle |
| <input checked="" type="checkbox"/> Rats (genus rattus) ✓ | <input checked="" type="checkbox"/> Rabbits ✓ | <input checked="" type="checkbox"/> Dogs ✓ | <input checked="" type="checkbox"/> Swine ✓ |
| <input type="checkbox"/> Rats (wild or other) | <input checked="" type="checkbox"/> Small Birds ✓ | <input checked="" type="checkbox"/> Non-Human Primates ✓ | <input type="checkbox"/> Poultry |
| <input checked="" type="checkbox"/> Other: <u>Frogs, Gerbils</u> ✓ | | | |

Are you currently housing live animals at your institution? ☒ Yes ☐ No

If you are not currently housing live animals, do you anticipate having live animals in your facility during the next 12 months? ☐ Yes ☐ No

*LAWP permits are issued to those institutions that maintain living animals for teaching and/or research and have the appropriate programs and facilities to properly and humanely care for those animals.

Does your laboratory/institution have an Animal Care Committee? ☒ Yes ☐ No
(If Yes, attach a copy of the Committee members)

Since your last application, have there been any changes in your animal care and use procedures (i.e. feeding programs, disease control, environmental management, humane care, euthanasia)? ☐ Yes ☒ No
(If Yes, please explain)

Note: Any procedures that require the withholding of feed and water or exposing the animals to adverse or unusual conditions should be documented in your animal use protocols and approved by your IACUC.

Living animals are used for (Check all that apply):

- | | |
|---|---|
| <input type="checkbox"/> Diagnostic Procedures | <input checked="" type="checkbox"/> Education/Teaching Demonstrations |
| <input checked="" type="checkbox"/> Experimentation | <input type="checkbox"/> Farm Production |
| <input type="checkbox"/> Public Display | <input type="checkbox"/> Public Health/Disease Surveillance |
| <input checked="" type="checkbox"/> Other: <u>field studies</u> | |

Are animals used in studies with human infectious agents? ☒ Yes ☐ No
(If Yes, attach a copy of your procedures for processing medical waste generated by the animals)

Registration/Accreditation Type:

- | | | |
|---|---|-------------------------------|
| <input checked="" type="checkbox"/> AAALAC Accredited | <input checked="" type="checkbox"/> USDA Registered | <input type="checkbox"/> None |
| <input checked="" type="checkbox"/> Other: <u>PHS Assured</u> | | |

SECTION III - PERSONNEL INFORMATION

CURRENT DATA	INDICATE CHANGES HERE
Laboratory/Institution Person in Charge (Name): Purdy, G. Michael	
Title: Executive VP for Research	
Telephone Number: 212-854-1650	
Work Hours: MON: 9:00 am to 5:00 pm TUE: 9:00 am to 5:00 pm WED: 9:00 am to 5:00 pm THU: 9:00 am to 5:00 pm FRI: 9:00 am to 5:00 pm	Work Hours: Mon: to Tue: to Wed: to Thu: to Fri: to Sat: to Sun: to

CURRENT DATA	INDICATE CHANGES HERE
Veterinarian in Charge (Name): Karolewski, Brian	
Title: Attending Veterinarian	
Telephone Number: 212-305-6613	
Work Name/Address (if different from laboratory/institution):	
Work Hours: MON: 9:00 am to 5:00 pm TUE: 9:00 am to 5:00 pm WED: 9:00 am to 5:00 pm THU: 9:00 am to 5:00 pm FRI: 9:00 am to 5:00 pm	Work Hours: Mon: to Tue: to Wed: to Thu: to Fri: to Sat: to Sun: to

SECTION III - PERSONNEL INFORMATION

CURRENT DATA	INDICATE CHANGES HERE
Contact Person (Name): Shepherd, Mary Jo	
Title: Executive Director, Office of the IACUC	
Telephone Number: 212-342-1142	
630 West 168th Street Box 84 College of Physicians and Surgeons New York, NY 10032	
Work Hours: MON: 9:00 am to 5:00 pm TUE: 9:00 am to 5:00 pm WED: 9:00 am to 5:00 pm THU: 9:00 am to 5:00 pm FRI: 9:00 am to 5:00 pm to to	Work Hours: Mon: to Tue: to Wed: to Thu: to Fri: to Sat: to Sun: to

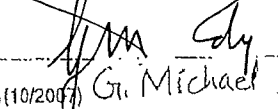
- ☒ Attach a list of all full-time and part-time animal care staff which includes the following information:
Name, Full-Time or Part-Time, Title and Education Level (Highest).
- ☐ No additional staff.

SECTION IV - ATTESTATION

I have read the Administrative Rules and Regulations concerning the use of living animals and understand that I am fully responsible for all work involving the use of living animals. I understand that the Certificate of Approval is not transferable and the New York State Department of Health (the Department) shall be advised promptly if the individual, in whose name approval has been granted, ceases to be in charge. The facility(ies) will be operated according to all applicable laws, rules and regulations.

I understand that by signing this application form I agree to cooperate with any investigations conducted by the Department to verify or confirm information given or any other investigation conducted in connection with animal welfare in any facility identified in this application. If additional information is requested, I will provide it.

In signing this application, I hereby certify that the information I have given the Department as a basis for obtaining or retaining a certificate of approval is true and correct. As information changes, I will promptly notify the Department. Further, I understand that filing a false instrument constitutes a crime under the Penal Law of the State of New York.

 G. Michael Purdy, PhD Executive Vice President 11-7-18
AW-APP01(10/2007) for Research

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [059] Name: Columbia University Institute of Comparative Medicine	
Address 1: 630-650 West 168th Street	
Address 2:	
City, State, Zipcode: New York, NY 10032	
Site Telephone Number: 212-305-3837	
Site Fax Number: 212-305-3458	
Site E-mail Address: bk2474@cumc.columbia.edu	
Contact Person (Name): Karolowski, Brian, VMD, PhD, DACLAM (DVM)	

CURRENT DATA	INDICATE CHANGES HERE
Site [060] Name: Columbia University Institute of Comparative Medicine	
Address 1: 160 Ft. Washington Ave., Eye Inst. Annex	
Address 2:	
City, State, Zipcode: New York, NY 10032	
Site Telephone Number: 212-305-2144	
Site Fax Number: 212-305-3458	
Site E-mail Address: bk2474@cumc.columbia.edu	
Contact Person (Name): Karolowski, Brian, VMD, PhD, DACLAM (DVM)	

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [061] Name: Columbia University Institute of Comparative Medicine	
Address 1: 701 Fort Washington Ave.	
Address 2: Hammer Building	
City, State, Zipcode: New York, NY 10032	
Site Telephone Number: 212-305-8909	
Site Fax Number: 212-305-3458	
Site E-mail Address: bk2474@cumc.columbia.edu	
Contact Person (Name): Karolewski, Brian, VMD, PhD, DACLAM (DVM)	

CURRENT DATA	INDICATE CHANGES HERE
Site [062] Name: Columbia University Institute of Comparative Medicine	
Address 1: 1150 St. Nicholas Ave-Russell Berrie Bldg.	
Address 2:	
City, State, Zipcode: New York, NY 10032	
Site Telephone Number: 212-851-5295	
Site Fax Number: 212-305-3458	
Site E-mail Address: bk2474@cumc.columbia.edu	
Contact Person (Name): Karolewski, Brian, VMD, PhD, DACLAM	

AW-APP01(10/2007)

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [063] Name: Columbia University Institute of Comparative Medicine	
Address 1: 1130 St. Nicholas Avenue	
Address 2: ICRC	
City, State, Zipcode: New York, NY 10032	
Site Telephone Number: 212-851-4641	
Site Fax Number: 212-305-3458	
Site E-mail Address: bk2474@cumc.columbia.edu	
Contact Person (Name): Karolewski, Brian, VMD, PhD, DACLAM	

CURRENT DATA	INDICATE CHANGES HERE
Site [065] Name: Columbia University Dept of Biological Science	
Address 1: 116th St. and Broadway	
Address 2: Falchild Building	
City, State, Zipcode: New York, NY 10027	
Site Telephone Number: 212-854-8499	
Site Fax Number:	
Site E-mail Address: CW2944@columbia.edu	
Contact Person (Name): Winnicker, Christina DVM, MPH, DACLAM	

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [066] Name: Columbia University-Dept of Psychology	
Address 1: 116th St and Broadway	
Address 2: Schermerhorn Building	
City, State, Zipcode: New York, NY 10027	
Site Telephone Number: 212-854-2609	
Site Fax Number:	
Site E-mail Address: CW2044@columbia.edu	
Contact Person (Name): Winnicker, Christina DVM, MPH, DACLAM	

CURRENT DATA	INDICATE CHANGES HERE
Site [067] Name: Barnard College-Dept of Psychology	
Address 1: Milbank Hall	
Address 2: 606 West 120th St.	
City, State, Zipcode: New York, NY 10027	
Site Telephone Number: 212-854-3609	
Site Fax Number:	
Site E-mail Address: CW2044@columbia.edu	
Contact Person (Name): Winnicker, Christina DVM, MPH, DACLAM	

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site (068) Name: Barnard College-Dept of Biology	
Address 1: Altschul Hall	
Address 2: 3019 Broadway	
City, State, Zipcode: New York, NY 10027	
Site Telephone Number: 212-854-3809	
Site Fax Number:	
Site E-mail Address: CW2944@columbia.edu	
Contact Person (Name): Winnicker, Christina DVM, MPH, DACLAM	

CURRENT DATA	INDICATE CHANGES HERE
Site (069) Name: Jerome C. Greene Science Center	
Address 1: 605 West 129th St.	
Address 2:	
City, State, Zipcode: New York, NY 10027	
Site Telephone Number: 212-853-0173	
Site Fax Number:	
Site E-mail Address: cw2944@columbia.edu	
Contact Person (Name): Winnicker, Christina DVM, MPH, DACLAM	

Institution: Columbia University [A141, November 2018]			
IACUC Chairperson			
Name: E. Heidi Jerome			
Title: Associate Professor, Anesthesiology and Pediatrics		Degree/Credentials: MD	
PHS Policy Membership Requirements: Scientist			
IACUC Roster			
Name of Member/ Code	Degree/ Credential	Position Title/ Occupational Background	PHS Policy Membership Requirements
2	Ph.D.	Manager of Biological Safety, Environmental Health and Safety	Scientist
3	B.S.	Grant/Protocol Comparative Reviewer, Institutional Animal Care and Use Committee	Alternate to #7
4	B.A.	Associate Director of Operations, Sponsored Projects Administration	Nonscientist
5	Ph.D.	Biological Safety Officer, Environmental Health and Safety	Alternate to #2
6	Ph.D.	Associate Professor, Pathology and Cell Biology/Movement Disorders	Scientist
7	B.S.	Compliance and Training Coordinator, Institutional Animal Care and Use Committee	Nonscientist
8	Ph.D.	Professor, Barnard College	Scientist
9	M.D., PhD.	Professor, Department of Anesthesiology	Scientist
10	Ph.D.	Assistant Professor, Department of Medicine Immunology	Scientist
11	M.D.	Associate Professor, Pathology and Cell Biology	Scientist
12	D.V.M.	Assistant Director, Institute of Comparative Medicine	Alternate to #13, #22 and #26

Name of Member/ Code	Degree/ Credential	Position Title/ Occupational Background	PHS Policy Membership Requirements
13 Brian Karolewski	V.M.D.	Director, Institute of Comparative Medicine	Attending Veterinarian
14	Ph.D.	Associate Research Scientist, Environmental Health Sciences	Scientist
15	Ph.D.	Associate Professor, Department of Neuroscience	Scientist
16	J.D.	Attorney	Nonaffiliated
17	Ph.D.	Associate Professor, Department of Otolaryngology	Scientist
18	M.A.	Rabbi	Nonaffiliated
19	D.V.M.	Assistant Director, Institute of Comparative Medicine	Alternate to #13, #22 and #26
20	Ph.D., CPIA	Assistant Director, Institutional Animal Care and Use Committee	Scientist
21	D.V.M., CPIA	Executive Director, Institutional Animal Care and Use Committee	Scientist
22	D.V.M., MPH	Associate Director, Institute of Comparative Medicine	Veterinarian
23	Ph.D.	Associate Professor, Department of Ophthalmology	Scientist
24	PhD.	Assistant Professor, Biomedical Engineering	Scientist
25	Ph.D.	Assistant Professor, Pediatrics	Scientist
26	D.V.M., MPH	Associate Director, Institute of Comparative Medicine	Veterinarian

Admin dept	Name	FT/PT		
Institute of Comparative Med	Acosta, Santa	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Albino, Jennifer	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Alvarez, Eugenio Alejandro	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Avirama, Jesus R.	F	Technician A	HS Graduate or Equivalent
Institute of Comparative Med	Baez, Adrin A.	F	Chief Technician	HS Graduate or Equivalent
Institute of Comparative Med	Banks-Wilson, Andrina	F	Admin Assistant-AP	HS Graduate or Equivalent
Institute of Comparative Med	Barber, Joshua Rene	F	Aquatic & Training Coordinator	Bachelor's Level Degree
Institute of Comparative Med	Bell, Marvina	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Beninson, Jennifer	F	Clinical Veterinarian	Doctorate (Academic)
Institute of Comparative Med	Blanchard, Amanda	F	Veterinary Technologist	2-Year College Degree
Institute of Comparative Med	Bland, Haywood	F	Technician Assistant	Bachelor's Level Degree
Institute of Comparative Med	Brennan, Matthew	F	Supervisor, ICM	Bachelor's Level Degree
Institute of Comparative Med	Brown, Andre	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Cabrera, Rafael A.	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Cameron, Deon	F	Technician A	HS Graduate or Equivalent
Institute of Comparative Med	Canela, Nicolas	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Caraballo, Lauren	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Castagna, Candace	F	Manager, Quality Assurance	2-Year College Degree
Institute of Comparative Med	Castillo, Carolina	F	Technician Assistant	2-Year College Degree
Institute of Comparative Med	Cepeda, Xiomara	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Chen, Yixin	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Cook, Shayla	F	Animal Caretaker (MS)	HS Graduate or Equivalent
Institute of Comparative Med	Cooper, Karen	F	Animal Caretaker (MS)	HS Graduate or Equivalent
Institute of Comparative Med	Copeland, Willie V	F	Supervisor, ICM	HS Graduate or Equivalent
Institute of Comparative Med	Corredor, Laura	F	Assistant Supervisor-Vet Techs	2-Year College Degree
Institute of Comparative Med	Cruz, Pedro L.	F	Technician B	HS Graduate or Equivalent
Institute of Comparative Med	Cueva, Ivelisse	F	Technician Assistant	Bachelor's Level Degree
Institute of Comparative Med	De La Cruz, Hector	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Dilone, Ana Maria	F	Technician A	HS Graduate or Equivalent
Institute of Comparative Med	Dilone, Cesar	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Donocoff, Rachel	F	Postdoctoral Research Scientist	Doctorate (Academic)
Institute of Comparative Med	Duran, Jeffrey Ramon	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Fernandez, Yudelka	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Fleck, Marjorie Lynn	F	Supervisor, ICM	Bachelor's Level Degree
Institute of Comparative Med	Florestal, Antoine U.	F	ICM Facility Manager	HS Graduate or Equivalent
Institute of Comparative Med	Geist, Beth	F	Clinical Veterinarian	Doctorate
Institute of Comparative Med	George, Bryan Wilson	F	Information Systems Coordinator	Bachelor's Level Degree
Institute of Comparative Med	Gerena, Ana Mercedes	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Geronimo, Hawel	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Gilbride, Joseph	F	Census Coordinator	Bachelor's Level Degree
Institute of Comparative Med	Golston, Carrie V.	F	Asst. Director Business Operations	I-Master's Level Degree
Institute of Comparative Med	Gomez, Maria Elena	F	Technician B	HS Graduate or Equivalent
Institute of Comparative Med	Gorman, Andrew	F	Clinical Veterinarian-ZMBBI	Doctorate (Academic)
Institute of Comparative Med	Goudie, Elizabeth	P	Variable Hours Officer	Doctorate (Academic)
Institute of Comparative Med	Gross, Kristy	F	Assistant Veterinary Technician	Bachelor's Level Degree
Institute of Comparative Med	Guerrero, Marisel A.	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Hastings, Sara	F	Sr. Mgr of Behavioral Management	Bachelor's Level Degree
Institute of Comparative Med	Hernandez, Jose	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Herndon, Nicole Leila	F	Clinical Veterinarian	Doctorate (Academic)

Institute of Comparative Med	Hubbard, Andrea C	F	Asst. Director QA/Training	Doctorate (Professional)
Institute of Comparative Med	Ifill, Veronica V.	F	Assistant ICM Facility Manager	2-Year College Degree
Institute of Comparative Med	Karolewski, Brian	F	Director, ICM	Doctorate (Academic)
Institute of Comparative Med	King, Sadic	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Kirkman, Donald	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Lewis, Telicia	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Linn, Yvonne	F	Assistant Veterinary Technician	Bachelor's Level Degree
Institute of Comparative Med	Lopez, Felix	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Losurdo, Katherine M	F	Veterinary Technologist	Bachelor's Level Degree
Institute of Comparative Med	Lowe, Marlon W	F	Assistant ICM Facility Manager	Bachelor's Level Degree
Institute of Comparative Med	Martinez, Ana	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Martinez, Tiffany	F	Technician A	Bachelor's Level Degree
Institute of Comparative Med	Mayersohn, Seth	F	Director, Business Operations	I-Master's Level Degree
Institute of Comparative Med	Mays, Brandon	F	Technician A	HS Graduate or Equivalent
Institute of Comparative Med	McCormack, Joanne S.	F	Administrative Coordinator	HS Graduate or Equivalent
Institute of Comparative Med	McLuckie, Alicia	F	Postdoctoral Research Scientist	Doctorate (Academic)
Institute of Comparative Med	Mejia, Joselin A.	F	Technician A	HS Graduate or Equivalent
Institute of Comparative Med	Milano, Kaylene	F	Assistant Veterinary Technician	Bachelor's Level Degree
Institute of Comparative Med	Moody, Dylan	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Morillo, Regina	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Mosquea, Genesis	F	Technician Assistant	Bachelor's Level Degree
Institute of Comparative Med	Ober, Rebecca	F	Postdoctoral Research Scientist	Doctorate (Academic)
Institute of Comparative Med	Nunez, Jose A.	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Oliveras, Luis	F	Animal Caretaker (MS)	HS Graduate or Equivalent
Institute of Comparative Med	Ordanes, Diane	P	Variable Hours Officer	Doctorate (Academic)
Institute of Comparative Med	Ortiz, Nadine	F	Technician A	HS Graduate or Equivalent
Institute of Comparative Med	Pelle, Geraldyn P.	F	Supervisor	Bachelor's Level Degree
Institute of Comparative Med	Pena, Christopher B.	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Peng, Xiao Dan	F	Technician Assistant	Doctor of Medicine
Institute of Comparative Med	Peralta, Aura	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Peralta, Kenia	F	Technician Assistant	2-Year College Degree
Institute of Comparative Med	Perez, Hector	F	Chief Technician	2-Year College Degree
Institute of Comparative Med	Perez, Jason G	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Piegari, Benjamin	F	Technician A	Bachelor's Level Degree
Institute of Comparative Med	Pirola, Adelina	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Pirola, Ndre	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Pirola, Pal P.	F	Technician B	Bachelor's Level Degree
Institute of Comparative Med	Pistilli, Stephanie	F	Supervisor, Vet Techs	2-Year College Degree
Institute of Comparative Med	Quero, Evelyn	F	Supervisor, ICM	2-Year College Degree
Institute of Comparative Med	Quintero, Jorge	F	Technical Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Rivas, Ana M.	F	Sr. Research Worker	2-Year College Degree
Institute of Comparative Med	Rivas, Miguel A.	F	Supervisor, ICM	HS Graduate or Equivalent
Institute of Comparative Med	Rivera, Alberto	F	Animal Caretaker (MS)	HS Graduate or Equivalent
Institute of Comparative Med	Rivera, Melanie V.	F	Senior Research Worker	HS Graduate or Equivalent
Institute of Comparative Med	Rivera, Michael A.	F	Technician Assistant	2-Year College Degree
Institute of Comparative Med	Robertson, Stara	F	Postdoctoral Research Scientist	Doctorate (Academic)
Institute of Comparative Med	Rodriguez, Argentina	F	Chief Technician	HS Graduate or Equivalent
Institute of Comparative Med	Rodriguez, Diane J	F	Technician A	HS Graduate or Equivalent
Institute of Comparative Med	Rojas, Danilda	F	Technician A	HS Graduate or Equivalent
Institute of Comparative Med	Romanov, Alexander	F	Asst Director Lg Animal/Surgery	Doctorate (Professional)
Institute of Comparative Med	Rosado, Mauricio A.	F	Chief Technician	HS Graduate or Equivalent

Institute of Comparative Med	Rosario, Emerlyn	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Ross, Reginaldo	F	Senior Technician	HS Graduate or Equivalent
Institute of Comparative Med	Safarov, Aram	F	Veterinary Technologist	HS Graduate or Equivalent
Institute of Comparative Med	Sanabria, Alex	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Shelton, Beverly Ann	F	Training Coordinator	I-Master's Level Degree
Institute of Comparative Med	Shoulson, Rivka Leah	F	Associate Director-CUMC	Doctor of Medicine
Institute of Comparative Med	Tavarez, Hever	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Thomas, Patrica	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Toribio, Carlos	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Torres, Nicholas J	F	Technician B	HS Graduate or Equivalent
Institute of Comparative Med	Turnage, Najee	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Urena, Jonellie S	F	Administrative Asst-Purchasing	2-Year College Degree
Institute of Comparative Med	Urena, Maribel	F	Administrative Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Urena, Risnel	F	Chief Technician	HS Graduate or Equivalent
Institute of Comparative Med	Vargas, Ramon Joel	F	Technician Assistant	2-Year College Degree
Institute of Comparative Med	Vasquez, Leonida J.	F	Administrative Clerk	HS Graduate or Equivalent
Institute of Comparative Med	Welch, Ahsley	F	Assistant Veterinary Technician	Bachelor's Level Degree
Institute of Comparative Med	Whyte, Annette E.	F	Admin Asst-Procurement	Bachelor's Level Degree
Institute of Comparative Med	Wickham, Andrew G.	F	Technician Assistant	HS Graduate or Equivalent
Institute of Comparative Med	Winnicker, Christina W.	F	Associate Director-ZMBBI	Doctorate (Academic)
Institute of Comparative Med	Zakharyan, Sergey	F	Senior Veterinary Technician	HS Graduate or Equivalent

Columbia University Waste Disposal

Regular trash (soiled bedding, food waste, paper towels, PPE, etc.) is collected in clear plastic trash bags daily and taken to a waste compactor where it is picked up by a contracted commercial vendor.

Regulated medical waste (items contaminated with blood or human pathogens, sharp containers, gloves, bandage materials, etc.) is collected in red biohazard bags. Those bags and sharps are stored in closed, labeled containers until they are delivered to the loading dock for pick up by a contracted, University approved vendor.

Pathological waste (animal carcasses and animal tissue) are placed in plastic bags and labeled fiber-board containers then stored in a cooler until they are delivered to the loading dock for pick up by a contracted, University approved vendor.



Mary Jo Shepherd, DVM, CPIA

Executive Director

Institutional Animal Care and Use Committee

154 Haven Avenue, 2nd Floor

New York, NY 10032

Phone: 212-342-1142

Fax: 212-305-5833

Email: ms4387@columbia.edu

Web: www.cumc.columbia.edu/dept/iacuc/

November 13, 2018

Ms. Denise Marriner-Cortese, E335
Laboratory Animal Welfare Program
Empire State Plaza, P-1 South Dock, J3
Albany, NY 12237

RE: NYDOH Annual Approval
Columbia University – A141

Dear Ms. Marriner-Cortese,

Enclosed is the application for renewal of the Columbia University approval for use of living animals.

Do not hesitate to contact me (212-342-1142) if you have any questions or concerns regarding this report.

Sincerely,

Mary Jo Shepherd, DVM, CPIA
Executive Director of the Office of the IACUC

Enclosures:

Columbia University/Barnard College Renewal Application

List of full-time/part-time animal care staff

Current IACUC member roster

Procedures for processing medical waste generated by animals