



Berkeley Animal Care News

April 2018
Volume 7
Issue 1

Animal Care and Use Committee (ACUC)
acuc@berkeley.edu

(510) 642 - 8855
www.acuc.berkeley.edu

INSIDE THIS ISSUE

- 1 [Pre-Filled Procedures](#)
- 2 [Upcoming AAALAC Site Visit](#)
- 3 [Policy/Guidelines Update](#)
- 4 [Reminders](#)

RESOURCES

- 1 Animal Care and Use Committee (ACUC)
- 2 Office for Animal Care and Use (OACU)
<http://www.acuc.berkeley.edu/>
- 3 Office for Laboratory Animal Care (OLAC)
<http://www.olac.berkeley.edu/>

SPOTLIGHT: ACUC and OACU Improvement Processes

In an effort to reduce administrative burden on PIs, the Animal Care and Use Committee (ACUC) has implemented several procedural changes:

- As of January 2018, the ACUC and OACU have been moving toward discontinuing annual review of protocols for non-USDA covered species. Protocols for non-USDA covered species (e.g., laboratory mice and rats, birds, reptiles, amphibians) no longer need to submit an annual continuing review in years 1 & 2 after your ACUC approval. However, protocols for USDA covered species (e.g., NHP, rabbits, hamsters, guinea pigs, voles, wild mice, dogs, bats) must continue to submit an annual review in year 1 & 2 after your ACUC approval.
- Likewise, protocols with Department of Defense (or sub-agency) funding, must continue to submit an annual review in year 1 & 2 after your ACUC approval.
 - The eProtocol software changes needed for discontinued annual review are still under development, which may affect your de novo submission. If you have any questions about the annual review or encounter any problems submitting your de novo, contact the OACU.
- All PIs must still have their protocols reviewed and approved every 3 years (de novo submissions) by the ACUC.
- Thirteen new Pre-filled Procedures have been added to eProtocol. Using these will not only save investigators time in completing the protocol form, but will also expedite the review of protocols since these procedures have already been reviewed and approved by the ACUC.

We would also like to note that the OACU has relocated and is now located at 1608 4th Street.

Kind regards,

Bill Sha
ACUC Chair

Eileen Lacey
ACUC Vice Chair

INSIDE THIS ISSUE

- 1 [Pre-Filled Procedures](#)
- 2 [Upcoming AAALAC Site Visit](#)
- 3 [Policy/Guidelines Update](#)
- 4 [Reminders](#)

RESOURCES

- 1 Animal Care and Use Committee (ACUC)
<http://www.acuc.berkeley.edu/>
- 2 Office for Animal Care and Use (OACU)
<http://www.olac.berkeley.edu/>
- 3 Office for Laboratory Animal Care (OLAC)
<http://www.olac.berkeley.edu/>

Pre-filled Procedures

New Pre-filled Procedures are available in eProtocol for investigators to use. Investigators still have the option to describe "custom" procedures and can make edits to the "pre-filled" procedures if desired, but any changes may extend the review time. Instructions for using pre-filled procedures are available on the ACUC web site:

https://acuc.berkeley.edu/eprotocol_guides/procedures.pdf

- Rodent Blood and Tissue Collection Procedures
 1. Perfusion and Tissue Collection in Mice
 2. Perfusion and Tissue Collection in Rats
 3. Blood Collection in Conscious Rats
- Rodent Compound Administration
 4. Compound Administration under Anesthesia
 5. Osmotic Pump Implantation in Mice
 6. Osmotic Pump Implantation in Rats
- Rodent Diagnostic Procedures
 7. Imaging of Animals in Mice
 8. Imaging of Animals in Rats
- Rodent Disease Models
 9. Antibody Production
 10. Tumor Induction/Passage in Anesthetized Mice
 11. Tumor Induction/Passage in Anesthetized Rats
 12. Tumor Induction / Passage in Conscious Mice
 13. Tumor Induction / Passage in Conscious Rats

Quick Tip

What's the easiest and fastest way to add new personnel to your AUP? Submit an amendment following these guidelines:

- No changes other than to personnel are included in the amendment.
- Verify that personnel have completed the required CITI training (Working with the IACUC: All Animal users) and the Occupational Health risk assessment form (OHSS, <https://ehs.ucop.edu/ohss>) before submitting the amendment.
- List what species the new personnel will be working with and what procedures they will perform. "ALL" is not acceptable - be as specific as possible!
- Describe the experience/training of new personnel. Include the number of years of experience and, if less than one year, a plan for how the new personnel will be trained.

Upcoming AAALAC Site Visit

INSIDE THIS ISSUE

- 1 [Pre-Filled Procedures](#)
- 2 [Upcoming AAALAC Site Visit](#)
- 3 [Policy/Guidelines Update](#)
- 4 [Reminders](#)

UC Berkeley is fully accredited by the Association for Assessment and Accreditation for Laboratory Animal Care (AAALAC). AAALAC visits the campus every three years for a comprehensive evaluation of our animal care and use program; this visit is critical to maintaining our accreditation and eligibility for federal research funding. AAALAC's next site visit to UCB will occur in the first quarter of 2019. Site Visitors will interact with researchers in an effort to evaluate our program. Are you ready for the AALAC Site Visit?

RESOURCES

- 1 Animal Care and Use Committee (ACUC)
- 2 Office for Animal Care and Use (OACU)
<http://www.acuc.berkeley.edu/>
- 3 Office for Laboratory Animal Care (OLAC)
<http://www.olac.berkeley.edu/>

- Have a laboratory manager or alternate available to meet site visitors.
- All individuals listed on protocols should know what is approved in the active AUP.
- Have copies of the current protocol available.
- Remove clutter from animal use areas. Site visitors like to see tidy, well-kept animal use areas.
- Drugs and supplies should be in date and stored properly.
- If you use controlled substances, be prepared to show how security is maintained and how records are kept (see [EH&S Recordkeeping and inventory](#)).
- If you perform surgery, be prepared to explain how asepsis is attained and how animals are monitored after surgery.

During the balance of this year, OLAC and ACUC/OACU will be actively preparing for this site visit. More information to come!

Policy/Guidelines Update

Since the last newsletter, the ACUC has updated the Policy on Protocol Review, revised three Guidelines, and created two new Guidelines, which are summarized below and can be found on the ACUC web site.

[Policy on Protocol Review](#) (6/14/2017)

Updates were made to the policy to reflect the change in annual review for non-USDA covered species and DOD funded protocols.

[Antemortem Tissue Collection for Genotyping/Identification](#) (6/1/2017)

Tissue collection procedures for genotyping must be outlined in the Animal Use Protocol (AUP) and approved by Animal Care and Use Committee (ACUC).

[Guidelines for the Use of Rodents in Experimental Neoplasia](#) (6/14/2017)

Tumor development in rodents evokes a range of effects that depend on the experiment, tumor line, and the response of the individual animal. This document provides guidelines for designing and conducting procedures that will accomplish the experimental objectives while ensuring the welfare of animals used in tumor development studies and animals with spontaneous tumors.

INSIDE THIS ISSUE

- 1 [Pre-Filled Procedures](#)
- 2 [Upcoming AAALAC Site Visit](#)
- 3 [Policy/Guidelines Update](#)
- 4 [Reminders](#)

RESOURCES

- 1 Animal Care and Use Committee (ACUC)
<http://www.acuc.berkeley.edu/>
- 2 Office for Animal Care and Use (OACU)
<http://www.olac.berkeley.edu/>
- 3 Office for Laboratory Animal Care (OLAC)
<http://www.olac.berkeley.edu/>

Policy/Guidelines Update (continued)

[Assigning Pain and Distress Categories to ACUC Protocols](#) (8/16/2017)

Federal regulations require that procedures involving vertebrate animals used in research and teaching be categorized according to their potential for causing pain or distress to animal subjects. This guideline assists researchers in selecting the appropriate pain and distress category when submitting an AUP to the ACUC.

[Environmental Enrichment Guidelines](#) (3/14/2018)

In accordance with the *Guide for the Care and Use of Laboratory Animals (Guide)*, research facilities must provide appropriate environmental enrichment for all animals. Pair/group housing is a type of environmental enrichment. Most animals used in research at UC Berkeley are considered social species and therefore, as a standard practice, social species are pair/group housed.

Exceptions to pair/group housing for social species and standard enrichment must be described and scientifically justified in the Animal Use Protocol (AUP) and approved by the Animal Care and Use Committee (ACUC).

[Overcrowded Mouse Cage Guidelines](#) (3/14/2018)

These guidelines were established to assist Principal Investigators (PIs), their staff, and personnel from the Office of Laboratory Animal Care (OLAC) in identifying an overcrowded mouse cage. Additionally, these guidelines identify how incidents of overcrowding will be rectified.

Reminders from the Committee

Personnel Procedural Certifications:

Please note that it is a regulatory requirement ([PHS IV.C.1.f](#)) that all personnel are adequately trained to conduct procedures in animal research. PIs are responsible for ensuring that all lab personnel are certified by the OLAC trainer and/or veterinary staff on all surgery, anesthesia or euthanasia procedures (see [Principal Investigator Responsibilities Policy](#), page 5, Section D. Personnel Training).

PIs are expected to maintain training documentation for all personnel. In an effort to assist your documentation, we have an [example of a lab training record](#) that you should maintain for all personnel listed on your AUP. Training records and all certification emails must be available during the ACUC semi-annual inspections and/or regulatory agency site visits.