

University of Washington
October 21, 2021 IACUC Meeting Minutes

Members Present: AB JS KS MRK
AP KG MB SRH
GS KM MK SL
JM MRB

Members Absent: AC JA
AW JPVH
DM CM
ME

Opening Business

- The IACUC Chair called the meeting to order at 2:32pm.

Confirmation of a Quorum and Announcement

- Quorum was confirmed by ZR.

Approval of the IACUC Meeting Minutes

- The IACUC Chair called for the approval of the September 16, 2021 meeting minutes.

Motion was made and seconded: to approve the minutes as written.

Further Discussion: none

Vote: Approved with 10 members voting in favor, 0 against and 4 abstentions.

Attending Veterinarian's/OAW Director's Report - KS

- Adoptions – 2 rats will be adopted out next week.
- Training program updates – Updates to the IACUC member training are almost completed. The online Essentials for IACUC Members lesson has been redone and a new IACUC site visit online lesson has been created. These updates will be discussed in more detail at next month's meeting.
- IACUC metrics- see meeting documents
- Facility issues:
 - Temperature
 - Brotman phase 1 vivarium – On 10/7/2021, the heater was off due to a broken pipe on the roof of the building. All the rooms in the Phase 1 vivarium were affected for approximately 25 hours until a replacement part could be brought in and installed. The impacted area included primarily mouse rooms and one rabbit housing room. Space heaters were placed in the affected rooms and room temperatures monitored overnight. Temperatures remained in appropriate range during this time and no impacts to the animals were noted.

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- Protocol Monitoring:
 - Twenty-one total protocols. Of the protocols, eleven involve surgery, one restraint (and sx), 2 tumor modeling, 9 miscellaneous (tape skirt, infection, water quality, prolonged anesthesia). Ten are inactive right now. The AV has added 2 more to vet monitoring. One protocol was added that involves surgery and imaging in pigs. Another one involves a mouse procedure (swim induced exercise training) that is new to UW, and the AV would like a veterinarian to observe and provide input on possible refinements.
- Adverse Events: None
- Non-compliance: None
- From Arizona
 - Facilities items: No items to report.
 - Adverse events: No adverse events to report.

Protocol Review

- Standard Procedures Review – AS
12 procedures with changes (8 analgesia, 2 anesthetic overdose, 2 anesthesia; 7 Hamster, 5 Guinea Pig, 1 NHP - sedation) - most have no changes; minor changes to buprenorphine doses to be consistent with the DCM formulary.
Motion was made and seconded: to approve all standard procedures as written.
Further Discussion: none
Vote: Approved with 13 members voting in favor, 0 against, 0 abstentions.

Standard Operation Procedures / Policies / Guidelines

- Policy Review – KS
 - I. Monoclonal Antibody production Via Ascites in Mice
 - Only one protocol at UW has this type of procedure on it
 - Minor edits including the requirement that hybridoma cell lines being tested and recommended cell numbers to be used; animals should be weighed weekly; requirement of strong scientific justification to use this procedure.
 - II. Food and Water Restriction in Mice and Rats
 - Minor reorganization to some wording
 - III. Genotyping of Lab Mice
 - Reorganized to put ear punching first to encourage it's use
 - IV. Expired Drug and Medical Material Use in Animal Research and Teaching
 - Extended the prohibition of use of expired anesthesia, analgesia, euthanasia, or emergency drugs to include cephalopods
 - V. Radio or Audiovisual Use in Animal Rooms

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- Removed mention of TV's in rooms – DCM does not use TV's, only radios. One IACUC member mentioned radios in some rooms they visited being loud and inquired as to whether the decibel level is too high. Another suggested inclusion of language to specify a maximum decibel level for a maximum amount of time. The AV will look at further revisions to this policy and bring it back at the November IACUC meeting. No vote taken.

Motion was made on 4 of the policies and seconded: to approve all policies as written.

Further Discussion: *none*

Vote: Approved with 13 members voting in favor, 0 against, 0 abstentions.

Other Business - KS

- IACUC Considerations RE: Collaborations with local institutions
 - There are times where other institutions have wanted to use our facilities, but it is not always clear how this can be facilitated without adding a lot of administrative burden. We'd like to facilitate these collaborations while ensuring that the animal work is covered under a protocol that was reviewed and approved by an IACUC. Is there a way we can have a single protocol that can span between two institutions.
 - Discussed creating standard procedures for use in protocols that would be reviewed and approved across multiple institutions.
 - The IACUC discussed the possibility of having a single regulatory board that could oversee animal research across multiple institutions, that updated inter-institutional Memorandum of Understanding (MOUs) would be needed to clearly spell out each institution's responsibilities, and that multiple layers of oversight may be needed in these situations. Dual protocol review is probably not necessary, but aspects of animal care/review do need to be worked out and health reports will be critical.
 - The goal would be to develop a simpler process while still maintaining thorough protocol review, institutional oversight, and informed oversight of experimental animal health and welfare. Work on this initiative is on-going and the committee will be updated as things progress.

Closing Business:

The Meeting was brought to a close at 3:16pm. The floor was opened to public comment.