

University of Washington
June 23, 2022 IACUC Meeting Minutes

Members Present: AB CH KG MRB
AC ES KM MRK
AP JFI ME SRH
AS JPVH
AW JS
CC

Members Absent:

DM
GS
JM
MB
MK

Opening Business

- The Floor was opened for public comment at 2:31pm.
- The IACUC Chair called the meeting to order at 2:36pm.

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 May meeting minutes.
Motion was made and seconded: to approve the minutes as written.
Further Discussion: *None*.
Vote: Approved with 15 members voting in favor, 0 against and 1 abstentions.

Attending Veterinarian's Report – CC

- I have no reportable animal events to report this month.
- There were two facility events that I'd like to share with the committee.
 - On the evening of Sunday, May 22, there was a ceiling leak reported in one of the vivarium wings. No animal rooms were impacted. Leak was limited to only a hallway and breakroom. Facilities was contacted and responded to repair the leak.
 - On June 4th, there was a scheduled shut-down of mechanical systems that impacted multiple vivarium areas. Water to the affected areas was turned off for a period ~24 hours, but all animals had access to water at all times. HVAC was

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affected for a portion of this time; there were no reported temperature excursions. The repair was completed ahead of schedule and shut-down was ended early. There were no adverse effects to animal health or welfare.

- Update on Protocol Monitoring
 - There were no new protocols added to vet monitoring this month. A mouse protocol was removed from monitoring after review by the AV and veterinary team. Thus, we have a total of 22 protocols with ongoing enhanced monitoring. Of these 22 studies, we continue have only 5 protocols actively performing the procedure for which they are on monitoring.
- From Arizona
 - Facilities items: None
 - Adverse events: one animal was found dead last month, late pregnant PT Macaque; placenta prebia (placenta rupture when going into labor), this occurred in the middle of the night and the animal was lost

OAW Director's Report – JFI/AS

- **Training program updates** – A new lesson called “Tailgating and Badging” was published this month and added to the Annual DCM Facilities Courses.
- **IACUC metrics** – The metrics are posted under Supporting Documents in the meeting folder.
- **Responses to Letters & Other Follow up** –
 - **4390-01** – At the April meeting, an incident was reported to the IACUC in which an experiment was initiated in mice while the amendment adding the work was still under review, resulting in administration of an unapproved substance. Based on a history of other reportable events involving this group, the IACUC voted to send the PI a letter of reprimand. The PI responded to the letter, indicating that the recent incident was the result of a breakdown in communication. In order to prevent similar incidents in the future they will only provide team members with updates on protocol status once the work is approved and not while it is under review. At a recent group meeting the PI also emphasized the importance of independently reviewing the protocol prior to initiating any new experiments, and reviewed how to access the protocol in HoverBoard. Our IACUC Chair also met with the PI separately to brainstorm ways to more effectively manage a growing lab and improve compliance.
 - **ABSL3** – At the April meeting, it was reported to the IACUC that there was a 3 day period in March where one occupied animal room in the ABSL-3 facility was not checked by DCM staff although they were checked by research staff. The IACUC voted to send a letter of counsel to the director of that facility. The individual responded, expressing regret for the error, and indicating that signage will be added to

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housing room doors clearly indicating if animals are present or not. Staff will also continue to be trained to enter every housing room every day to confirm if animals are present or not. Previous practices will continue, including reviewing health check assignments at a weekly meeting, noting weekend and holiday assignments on the team's calendar, and sending a reminder email to all team members scheduled for weekend or holiday health check assignments.

- **3062-01** - At the May meeting, it was reported to the committee that a research group had been giving a dose of tamoxifen to mice that was higher than the dose approved on the protocol. The committee voted to send the PI a letter of counsel. The PI responded, indicating the following three steps that have been taken. The PI met with lab members and emphasized the importance of protocol compliance, reviewed how to access the protocol in HoverBoard, and reminded members to check the protocol before initiating any new animal work. The PI also reviewed the cause of the miscommunication with the involved lab member, and ways to prevent future miscommunication, including summarizing “action items” and confirming agreement with decisions.

- **Friday Harbor Labs (FHL)** - At the May meeting, it was reported to the IACUC that an anonymous concern had been submitted regarding the housing and care of paralarval octopus at Friday Harbor Labs. In the course of the subsequent investigation it was determined that paralarval octopus were housed without an approved IACUC protocol. The IACUC voted to send the director of FHL a letter of counsel addressing not only this incident, but also a history of Friday Harbor Labs struggling with getting protocols in place in a timely manner to support work being performed by visiting scientists and courses. The director responded, acknowledging an absence of clear communication and tracking system for researchers interested in working with species that require an IACUC protocol. While they do provide information to incoming investigators about protocol requirements, they have not had a process for following up to ensure any necessary protocols are in place. The staff at FHL will work on updating their informational website to ensure it contains current and accurate information in terms of IACUC protocol requirements and expectations, and they will loop in OAW on correspondence with newly accepted investigators so that OAW can follow-up to confirm if a protocol will be required for their work. Their scientific liaison will continue working with them to improve processes and communication.

- **Non-compliance follow-up --**

- **2153-08** – At the May meeting, a protocol non-compliance involving tailing of adult mice was reported to the committee. The committee asked for additional information regarding how the student was trained and who made the decision to tail the mice involved in this event. The individual was trained to collect tail snips from mice, including how to appropriately cauterize the tail to control bleeding. Training typically includes multiple iterations of the student watching an experienced individual perform the procedure, and then having the student perform the procedure under supervision until competency is acquired. Even after the student achieves proficiency, in practice, the lab manager will often accompany the student to the

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vivarium while they are collecting samples for genotyping to provide support. The lab manager felt comfortable with the student's ability to perform tail snips. In this event, the student happened to be on their own and decided to collect tail samples from these mice.

In a retrospective analysis, the lab identified several issues with their training process for colony maintenance: (1) The age range for collecting tail snips was not adequately communicated and reinforced during the training process; (2) because these procedures are routine and generally performed without incident, training stemmed from "lab memory" rather than referencing the protocol for approved methods of genotyping and age ranges.

The lab's response to this incident included: (1) the student involved voluntarily chose to not continue performing this procedure in the future; (2) all other lab members involved in colony maintenance were re-trained, with an emphasis on the above points as part of that training, and (3) the genotyping options on the protocol were updated to reflect current lab practices and to provide greater flexibility.

Motion was made and seconded: to send the group a Letter of Acknowledgement.

Further Discussion: *None.*

Vote: Approved with 16 members voting in favor, 0 against, 0 abstentions.

- This event was self-reported to OAW on April 20th. This event has been reported to OLAW.

Standard Operation Procedures / Policies / Guidelines

- IACUC Protocol Requirements – **AS**
 - Any animal that is post hatch is required to have a protocol covering them

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

Further Discussion: *None.*

Vote: Approved with 16 members voting in favor, 0 against, 0 abstentions.

- Standard Procedures Review – **AS**
 - One procedure has changes (Analgesia, Carprofen (24 hours) removed reference to Category I Procedures); 8 procedures without changes – Analgesia, Buprenorphine, Carprofen, Ketamine and Xylazine, with varying times, on mice and rats.

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

Further Discussion: *any discussion/changes/notes*

Vote: Approved with 16 members voting in favor, 0 against, 0 abstentions.

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IACUC Training

- **Monkeypox - CC**

Program Review Reports from Groups

MRK, JS, AW, DM

3. IACUC
5. IACUC Membership and Functions
6. IACUC Training
7. IACUC Records and Reporting Requirements

KM, JFI, JM, ME

9. Personnel Qualifications and Training
10. Occupational Health and Safety of Personnel

CC, JPVH, MK, KG

4. IACUC Protocol Review

AB, AP, MB, AC

8. Veterinary Care
 - VC1. Clinical Care and Management
 - VC2. Animal Procurement and Transportation/Preventive Medicine
 - VC3. Surgery
 - VC4. Pain, Distress, Anesthesia and Analgesia
 - VC5. Euthanasia
 - VC6. Drug Storage and Control

GS, ES, SRH, MRB

1. Animal Care and Use Program
2. Disaster Planning and Emergency Preparedness
11. Personnel Security
12. Investigating & Reporting Animal Welfare Concerns

Closing Business:

The Meeting was brought to a close at 3:33pm