

University of Washington  
August 19, 2021 IACUC Meeting Minutes

Members Present:	AB	JS	KS
	AC	KG	ME
	AP	KM	MK
	SRH	AW	MRK
	SL	CM	AS*
Members Absent:	MB	DM	JA
	JPVH	GS	JM

\*Alternate for MB

### Opening Business

- The IACUC Chair called the meeting to order at 2:33pm.

### Confirmation of a Quorum and Announcement

- Quorum was confirmed by TN.

### Approval of the IACUC Meeting Minutes

- The IACUC Chair called for the approval of the JULY 15, 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 5 abstentions.

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

#### AV/OAW Director's Report to IACUC – August 2021

- Adoptions – 2 mice were adopted out in the last month.
- Reminder during site visits to check 3 sets of change log records kept in the sleeve at the end of the rack: 1) the cage top and bottom change logs 2) a weekly rack prefilter change log; and 3) a ventilated rack change out log.
- IACUC metrics- see meeting documents
- Facility issues: None
- Protocol Monitoring:
  - Nineteen total protocols. Of the protocols, eight involve surgery, one restraint (and sx), 2 tumor modeling, 8 miscellaneous (tape skirt, infection, water quality, prolonged anesthesia). Ten are inactive right now.
- Summary of USDA inspections
  - In December 2020, there was a focused inspection at the AZ site in response to a self-reported adverse event where a NHP was injured after escaping through a feeder

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box hole. This inspection resulted in a non-compliance for this event with an acknowledgement that corrections were instituted prior to the inspection in order to prevent recurrence. In January 2021, there was a routine virtual inspection at the Seattle site. This inspection involved a virtual tour and records review. This inspection resulted in 3 non-compliances which involved self-reported events. One involved rabbits that did not received required daily checks over a weekend with no resulting animal welfare effects and was considered corrected prior to the inspection. The other 2 involved a NHP that escaped its cage and a NHP found in a trapping run with the USDA requiring corrective action plans for both. Our corrective actions were previously discussed with the IACUC and deemed appropriate. We shared those corrective action plans at the time of the inspection and again after the inspection. The USDA gave no specific feedback on our corrective actions plans and the plans will be considered sufficient as long as there are no other similar incidents. In April 2021, there was a focused virtual inspection at the AZ site with no non-compliant items identified. In July 2021, there was a focused inspection at the Seattle site with no non-compliant items identified.

- Follow up on Adverse Event on 2161-24
  - The lab is adding a confirming message to their mouse weaning procedure in order to ensure that mice are starting off with food, water, and gel as required. In the future, each lab member will send a confirmation e-mail message to the senior lab member, who oversees mouse husbandry that they have weaned a cage of mice and set food, water, and gel in the cage as required. In addition, there will be a meeting of all of the lab's mouse users to review protocols for weaning and other aspects of mouse husbandry with an emphasis on the importance of providing continuous access to food and water to animals.
  
- Adverse Events:
  - Gnotobiotic animal core (GNAC): A cage of four 5-week-old female mice were weaned from an isolator to a sealed Techniplast cage in the gnotobiotic room. No experimental manipulation was performed. The next day, the cage was found to have three dead and one sick mouse that was subsequently euthanized. Upon examination of the cage, air flow was significantly or entirely compromised due to a faulty gasket on the rack, and the cage was obstructed from air supply. Another cage in that room with the male siblings from that same litter was also found to be partially obstructed, but some airflow was available through a small opening. Those mice were not adversely affected. Personnel adjusted the port and reengaged the cage back on the rack, fixing the problem immediately. Corrective Action: An email was sent to all GNAC facility users with a detailed infographic explaining the rack malfunction and what it looks like. The users are urged to carefully check the air input and output ports before placing cages back onto the racks, ensuring the malfunction is not present. If so, they would contact GNAC personnel to have it assessed. **Reported to OLAW.**

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- IACUC discussed that this was a mechanical error so no corrective action needs to be taken but the IACUC would like to be updated on this to ensure it is not an ongoing issue.
- Non-compliance: None
- From Arizona
- Facilities items:
  - Temperature deviations: A single animal room had a temperature deviation on 7/21/2021 and 7/22/2021 resulting in temperatures above 84 for approximately 9.5 hours on the 21st and 8 hours on the 22nd. Temperatures reached a maximum of 87.96 on the 21st and 88.66 on the 22nd. When the deviation was identified, animal technicians provided auxiliary ventilation by opening inside doors and placed fans to provide increased air circulation and to help equalize temperatures between rooms. The HVAC unit was reset and functioned normally after the reset. None of the animals in the room showed signs of distress during these events.
  - An additional temperature deviation was discovered in the temperature logs for the same room on July 10, 2021. The temperature was 85 degrees or above for approximately 6.5 hours. The peak temperature of 88.38. The alarm system was offline and no alarms were received.
  - The HVAC service company came out to troubleshoot the alarm system. Working with Primate Center IT at the main campus, they resolved the alarm forwarding issue and set the system to send a daily test alarm. We have received a test alarm every morning since.
- Adverse events: No adverse events to report.

**Standard Operation Procedures / Policies / Guidelines**

- Standard Procedure Review - **AS**
- *Standard 3-year review of six analgesia procedures for Pigs.*
  - *5 procedures had no changes.*
  - *1 procedure added option to administer one dose of buprenorphine HCl followed by buprenorphine SR.*

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

Further Discussion: *None.*

Vote: Approved with 15 members voting in favor, 0 against, 0 abstentions.

- Environmental Enrichment for Dogs and Puppies– **KS**
  - *Removed hanging toys as an option, instead use chew bones and rubber/plastic toys*
- Environmental Enrichment for Chicks and Poults - **KS**

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- *Singly housed animals will receive extra toys/enrichment*

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

Further Discussion: *None*

Vote: Approved with 14 members voting in favor, 0 against, 1 abstentions.

### **IACUC Training**

- Training Program Overview - KS
  - KS gave a broad overview of the OAW training program
    - Breaking online training into a series of shorter lessons has been very well received
    - New IACUC member online training with an interactive virtual site visit will be presented at a future meeting

### **Closing Business:**

The Meeting was brought to a close at 3:27pm. The floor was opened to public comment.