

University of Washington
August 16, 2018 IACUC Meeting Minutes

Members Present:	AB	JFI	MS
	AS	JM	SL (stepped out 2:56 – 3:22)
	CH	JS	TB
	*EC	KL	TH (remote)
	FRR	LJE (remote)	
	JB	ML	

Members Absent:	CG	JE	JLS
	JPVH	SH	

*EC alternate for JPVH

Opening Business

- The IACUC Chair called the meeting to order at 2:30 pm.

Confirmation of a Quorum and Announcement

- Quorum was confirmed by KC.

Protocol Review

- AMEND201800946 (4266-09) – **JFI**
 - This amendment requests a new experiment (that is similar to the approved experiment) to use a different immunizing plasmid vaccine combined with different adjuvant plasmids that will be determined in a mouse study (performed by a different lab).

The experiment will use 32 Rhesus macaques for a 52 week study.

Procedures include: Anesthesia, Analgesia, Multiple Survival surgeries (**Endoscopic Colonic, Laparoscopic Mesenteric Lymph Node Biopsies, and Jejunal Resection and associated MLN**), Blood collection, Electroporation Plasmid Vaccination, Protein vaccine substance administration, SIV challenge, Tissue collection (weck-cell samples of oral, rectal and vaginal secretions), Euthanasia.

There is a figure in the experiment that details the proposed timeline of the study.

This amendment is being discussed at a committee meeting because it is grant related and the funding agency has been ready to release the funds.

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

Discussion: *None*

Vote: Approved with 16 members voting in favor.

TB left the meeting

Approval of the IACUC Meeting Minutes

- The IACUC Chair called for the approval of the July 19, 2018 meeting minutes.

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

Discussion: *none*

Vote: Approved with 11 members voting in favor and 4 abstentions.

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OAW Director's Report – STI

- There are metrics available in HoverBoard.
- Response from PI to Letter of Counsel
 - PI apologized for the incident. The group has consulted with the vets and the personnel have been retrained. Additionally, all lab personnel have reviewed the protocol and all procedures performed by lab personnel will be approved by the PI before performing.

TB rejoined the meeting

Attending Veterinarian's Report - TB

Facility issues:

Humidity: No low humidity reports

Temperature and lights:

7/29/18: The lights did not cycle in 4 mouse rooms due to a hardware failure. Because a part had to be ordered to fix the problem, the lights were turned off at night by removing the bulbs until the problem was fixed on 7/31/18.

8/5/18 Two mouse holding rooms in one facility reached 80.5 degrees, and other rooms got hotter than normal but not outside the range of the Guide. The cooling towers were disabled by mistake due to human error. The problem was resolved by 5:30 pm

ARCF airflow: The airflow in this facility has continued problems with differential pressures in some areas. HVAC technicians have completed nearly all the rebalancing, but it is not 100% complete. Estimated completion is the end of this month.

Protocol Monitoring:

Twenty three total protocols. Of the protocols, 14 involve surgery, two restraint (and sx), one conscious restraint, 2 tumor modeling, 4 miscellaneous (tape skirt, infection, water quality). Seven are inactive right now.

Protocol 2797-04 was just added to monitoring by the AV due to necropsy results that suggested bacterial contamination during surgery for a mouse castration procedure. The veterinarian working with the group will work with all members of the group to assist them with these surgeries.

Adverse event:

Protocol 4374-01: Three out of seven adult (born 1/28/15), wild type, frogs (*Xenopus tropicalis*) were found dead between 7/26 and 8/1/18. These frogs were housed on a recirculating water system in a 9 liter tank. Because a baffle was not placed in the tank, six frogs escaped through the tank outlet/drain. Two of these six were found dead in the hallway outside the room and one was found dead in the room on 8/1. Three were found alive and well by the investigative group in the sump component of the recirculating system on 8/1. The live escaped frogs and the one remaining frog that did not escape are in good condition. In response to this incident, the group instituted

- daily tank baffle and lid checks,
- retrained new lab members,
- created a frog transportation checklist,
- labeled tanks for when they are moved to new rooms,
- ensured an extra supply of fully assembled tanks with baffles
- placed a work order to repair/replace the door sweep to reduce the potential of escaping into the hallway.

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This has been reported to OLAW.

One adult zebra finch was found dead in the cage between the pan and back of the cage on 07/10/18 when the cage was removed for cleaning. The pan liner is changed three times a week and was last changed on 07/09/18. We suspect that the bird got trapped between the pan and the back of the cage as the liner was being replaced. In response to the incident, the following changes have been made by DCM and the group:

- the animal technician involved in the incident was retrained
- a new task to look for trapped birds was added to the log sheet during pan liner changes,
- the cages will be placed such that the technicians can be easily moved to look on the back side of the cage,
- cages will not be stacked higher than two to allow for visualization of the whole cage during pan liner changes or a stool will be present in the room, and
- the number of birds in each cage will be clearly written on the cage card.

This has been reported to OLAW

HBA Subcommittee:

The HBA committee met this month and discussed proper classification of prolonged restraint procedures, incidents of morbidity and mortality in USDA species, and concerns raised by individual IACUC members. Members are urged to look at the minutes for further insight.

WaNPRC ABC Supervisory Veterinarian's Report

Facilities items:

On the evening of Monday, July 30th, a storm blew one of the tarps off the premise after staff had left for the day. This tarp provides sunshade for group 232 for the portion of the enclosure that is outdoors. When facilities arrived the following morning at 6am, the missing tarp was noted and a replacement provided the same day.

On the evening of Thursday, August 9th, a storm blew one of the tarps off the premise after staff had left for the day. This tarp provides sunshade for group 242 for the portion of the enclosure that is outdoors. When facilities arrived the following morning at 6am, the missing tarp was noted and a replacement provided the same day.

Over the evening of Thursday, August 9th rainwater leaked into the electronic security keypad located outside of the colony's entrance. By the following afternoon, the keypad was no longer working. Husbandry and veterinary staff identified the issue and a chain and lock were used to secure the gate. Facilities is currently working on replacing the electronic keypad.

Adverse events: No adverse events to report at this time.

Other Business

- An IACUC member asked about a non-human primate discussed at the Harm-Benefit subcommittee. The animal developed laryngeal paralysis, possibly a result of injury during a recent nerve surgery. The paralysis was thought to be unilateral, but when it was found to be bilateral the animal was euthanized. The animal remained on study until euthanasia because, even though he was wheezing, it was only significant when the animal was excited and when he was anesthetized, not when he was working.

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SL left the meeting.

IACUC Training

- WaNPRC Inspection Refresher Training – **RB**
 - A member from the BMS group provided a training refresher and guidance for inspecting primate center animal rooms.

Protocol Review

- (4146-01) Z13211 Repair Surgery – **JFI**
 - This amendment is requesting 2 repair surgeries for animal Z13211. Z13211 is a 5 year old male rhesus macaque who underwent his first surgery on this protocol in April 2018 to implant eye coils and head stabilization lugs. He underwent a repair surgery shortly after that initial surgery to remove skin that had grown around a back lug. On July 26th he was anesthetized for surgery to implant the vestibular prosthesis, but after making the incision there was an anesthetic complication and the surgeon decided to close the incision and recover the animal rather than continue.

The group is requesting 2 repair surgeries, one to implant the vestibular prosthesis, and one to have “banked”.

From his clinical history, it looks like he does have a history of minor facial trauma, either from a social partner or possibly self-inflicted. Also it looks like he has picked at his implants in the past, although it appears that all his implants are currently stable and well-healed.

As mentioned in the behavior report, he has engaged in non-injurious self-biting, which was last reported in February. He was separated from a long-term social partner (which he had been socially housed with since 2015) for surgery, and there were problems during reintroduction so he is currently in wide mesh contact with that social partner with plans to reassess and hopefully reintroduce to grooming and then pair housing.

This is being reviewed a meeting because there is an amendment in process in HoverBoard, so this request is being reviewed “on paper”.

- *BMS works to ensure that non-injurious self-biters are not on studies, but often this develops after being on the project. This animal was known to be a non-injurious self-biter. Per protocol, BMS discussed with the group and they determined that the infrequency of the self-biting at the time was not a concern to the study.*
- *KM started working with this animal in June on positive reinforcement training and he is actively being worked with.*

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

Further Discussion: None

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

Other Business

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- ML and AS reported that due to a revised MOU between UW and the Western Fisheries Research Center, protocols using their facilities are being revised to properly reflect which veterinarians observe the fish housed there.

SL rejoined the meeting.

Closing Business:

The Meeting was brought to a close at 3:23 pm. The floor was opened to public comment.

Tabled to September Meeting

Standard Operation Procedures / Policies / Guidelines

- Environmental Enrichment for Aquatic Amphibians
- Environmental Enrichment for Guinea Pigs
- Environmental Enrichment for Chicks and Poults
- Environmental Enrichment for Hamsters
- Environmental Enrichment for Birds