
Members Absent:  C. Carrier   S. Henderson   A. Leache   C. Cunningham   L. Kinman   B. Murnane   C. Grue

Opening Business:

Dr. Sullivan called the meeting to order at 2:33pm.

Protocol Review

- **Dr. Bair, IACUC 4293-02 “Functional Circuitry in the Macaque Visual System”**

Dr. Thompson-Iritani explained that the protocol had previously gone through the review process and was approved by the Designated Reviewer method. The approved protocol was being re-reviewed at the meeting because IACUC had received an anonymous request for a Full Committee Review due to the duration of the terminal surgery.

Dr. Patil summarized the protocol for the Committee. Dr. Patil introduced Dr. Bair who explained the goals of the project.

Dr. J. Clark asked how many animals were initially requested. Dr. Patil replied that the protocol was approved for 10 animals and 3 have been used for the surgery. Mr. Tetrick asked if there had been any complications with the 3 completed surgeries. Dr. Bair replied that the procedures went as planned and were more successful than they had hoped. Comparatively, they were consistent with the work done at his previous institution.

Dr. Sullivan asked for confirmation that there had been no adverse events associated with the surgeries. Dr. Bair replied that no abnormal events had occurred. Mr. Tetrick asked if a veterinarian is present during the surgeries to perform the anesthesia. Dr. Brabb replied that there is someone functioning as an anesthesiologist, however, the individuals performing the anesthesia are not necessarily veterinarians, but are individuals that are certified to perform anesthesia. Dr. Hotchkiss explained that as part of the certification process, during the practice surgery, there are adverse scenarios that are initiated and the group needs to be able to handle those as they happen.

Dr. Libby asked how anonymous request for reviews are satisfied. Dr. Brabb explained that the Committee’s decision would be included in the IACUC Meeting Minutes, which is the mechanism for the anonymous complainant to be notified.

The Committee continued general discussion regarding the duration of the past surgeries, the clinical care required to support the animals during surgery and the logistics of staffing the surgeries.
Motion: Dr. Brabb moved to approve the protocol as written. Mr. Tetrick seconded the motion.

Discussion: None

Vote on the Motion: The protocol was re-approved with 14 members voting in favor and 1 abstention.

Dr. Koelle, 4095-01 “HSV Immunotherapeutic Vaccines”
Mr. Tetrick summarized the project and explained that a Full Committee Review was called for due to the hyperthermic stress procedure.

Dr. Brabb explained that the concerns were that unanesthetized animals would be immersed in water that is 109.4°F which would elevate the body temp to right below the seizure threshold in Black 6 mice. It would be expected that this would be a very stressful event as the animals are in hot water, restrained and awake.

Dr. Hosken was present from the group and explained why the control was necessary. Dr. Hosken explained that currently, there was no vaccine for HSV2, and although this particular study did not involve a vaccine, if the results from their planned experiment were efficacious, they would then like to perform a follow-up study with a combination with a vaccine. This combination treatment could be a significant improvement in human health for humans with an HSV infection. Dr. Hosken explained that the overall purpose of the hyperthermic stress procedure was to provide a positive control that has been used in other labs for the same purpose and the results are reproducible.

Dr. Hosken explained that the work, previously approved by the IACUC was contracted by a company, equipment had been purchased and personnel had been trained on the procedure. Dr. Thompson-Iritani clarified that their protocol was previously approved for this procedure, which had not been performed. The 3-year renewal of the protocol was currently under review by the IACUC, and prompted a Full Committee Review of the procedure.

Dr. Lucas asked if the other labs had tested the hyperthermic stress procedure using anesthesia. Dr. Hosken replied that they had not, and in order for them to test that, they would require additional animals. Dr. Fitts asked if they were beginning a series of experiments where they would be doing this procedure repeatedly. Dr. Hosken explained that conceptually if they drug works they wouldn’t need to test other animals.

The Committee discussed other asked potential options such as the use of dry heat or restraint stress, but these methods would require a pilot project or were thought to not be as reproducible.

The Committee had no additional questions for Dr. Hosken and she left the meeting.

Motion: Mr. Tetrick moved to approve the protocol as written. Mr. Muster seconded the motion.

Discussion: The Committee continued to discuss the possibility of using a different model, however, the method would have to be validated against the hyperthermic stress method. The Committee agreed that the issue was balancing the importance of the science with the welfare of the animals. There was also concern that HSV does not activate well in mice and there was really no ideal animal model.
Vote on the Motion: The protocol was not approved with 11 members opposed and 4 members voting in favor.

Revised Motion: Mr. Tetrick moved to send the protocol to the Designated Reviewer method in order to remove the portion of the protocol involving the hyperthermic stress model.

Vote on the Motion: The motion was approved unanimously with 15 members voting in favor.

Adverse Event:

Dr. Thompson-Iritani explained that the Committee needed to go into executive session to discuss a personnel matter associated with an adverse event. The meeting was adjourned at 3:32pm.

Dr. Sullivan reconvened the meeting at 4:07pm.

Dr. Brabb summarized the event for members of the public, explaining that an animal was discovered during a site visit that had had an unapproved survival surgery. Additionally, the lab member who involved in the event and who was touring the site visitors was not honest with them about the events.

Motion: Dr. Brabb moved that the IACUC send the PI and the lab member that was involved in the unapproved procedure individual letters of reprimand and request a reply from each of them regarding how they would ensure that individuals on the protocol would not deviate from approved procedures. The PI was also required to provide an explanation of how he will ensure the honesty and integrity of his staff. Dr. Brabb explained that the second part of the motion was to suspend the individual that was dishonest from working with animals at the UW indefinitely. The individual could petition the IACUC to pursue working with animals in the future. Dr. E. Clark seconded the motion.

Discussion: None.

Vote on the Motion: The motion passed unanimously with 15 members voting in favor.

Protocol Review Continued

- Dr. Buffalo IACUC #4316-01, V.13 “Neurobiology of Memory”

Dr. Newman explained that the Significant Change was for one banked repair. Dr. Newman summarized the animal’s surgical history and the aims of the protocol for the Committee.

Motion: Dr. Fitts moved to approve the Significant Change. Mr. Muster seconded the motion.

Discussion: None

Vote on the Motion: The Significant Change was unanimously approved with 15 members voting in favor.

Site Visit Deficiency Completion Deadline Extension Requests:

Dr. Clark informed the IACUC that there were eight extension requests as follow:
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- Site: Portage Bay Building 186  
  Deficiency: Fish racks are rusted and need to be repaired or replaced.

  Original Citation: 2/18/14  
  Original Deadline: 6/30/14  
  Extension Deadline: 8/31/14

  Reason for request: Ms. Toussaint in Facilities Services requested that the deadline be extended to August 31, 2014 because the parts on order were taking longer than expected and were estimated to arrive by July 28, 2014.

  Motion: Dr. E. Clark moved to approve the deadline extension. Dr. Fitts seconded the motion.

  Discussion: None

  Vote on the Motion: The deadline extension was approved unanimously with 15 members voting in favor.

- Site: Kincaid Roof Aviaries  
  Deficiency: East and West Aviaries: All four doors were closed with bungee cords, which need to be replaced with a more permanent solution. Doors and threshold are rusted in place and need to be sanded and repainted.

  Original Citation: 4/3/14  
  Original Deadline: 6/30/14  
  Extension Deadline: 7/31/14

  Reason for request: Ms. Toussaint in Facilities Services requested that the deadline be extended to July 31, 2014. The hinges have arrived on July 8, 2014 and were installed on the week of July 7, 2014. Painting of the hinges is scheduled to be completed before the end of July 2014.

  Motion: Dr. E. Clark moved to approve the deadline extension. Mr. Lang seconded the motion.

  Discussion: None

  Vote on the Motion: The deadline extension was approved unanimously with 15 members voting in favor.

- Site: Kincaid 558  
  Deficiency: Wires from computers running below chamber doors need to be covered.

  Original Citation: 4/30/14  
  Original Deadline: 6/30/14  
  Extension Deadline: 8/31/14

  Reason for request: Ms. Toussaint in Facilities Services requested that the deadline be extended to August 31, 2014. The decision on the wire management solution was taking longer than expected. The proposed solution was to mount plastic cable management trays above power panels, with
cleanable through wall ports high up on chamber walls above the doors. The solution was determined on July, 2014 and the parts were ordered on July 7, 2014.

**Motion:** Dr. E. Clark moved to approve the deadline extension. Mr. Tetrick seconded the motion.

**Discussion:** None

**Vote on the Motion:** The deadline extension was approved unanimously with 15 members voting in favor.

- **Site:** HSB E506  
  *Deficiency:* Four 12x12 floor tiles are peeling directly under the animal use procedure bench. Damaged floor tiles must be repaired or replaced.
  
  Original Citation: 3/20/14  
  Original Deadline: 6/30/14  
  Extension Deadline: 8/31/14

  Reason for request: Ms. Toussaint in Facilities Services requested that the deadline be extended to August 31, 2014. Facilities Services had issues with coordinating repair work with the occupants. Abatement will be scheduled for the week of July 14, 2014.

  **Motion:** Dr. E. Clark moved to approve the deadline extension. Dr. J. Clark seconded the motion.

  **Discussion:** None

  **Vote on the Motion:** The deadline extension was approved unanimously with 15 members voting in favor.

- **Site:** HSB I607L  
  *Deficiency:* Formalin is present in lab and as a result an eyewash station needs to be installed.

  Original Citation: 3/12/14  
  Original Deadline: 6/30/14  
  Extension Deadline: 8/31/14

  Reason for request: Ms. Toussaint in Facilities Services requested that the deadline be extended to August 31, 2014. Changes in eyewash requirements have caused delay. Due to the changes, additional time was needed to verify the approach is acceptable with EH&S. The repair work will require potable water supply and new codes.

  **Motion:** Dr. E. Clark moved to approve the deadline extension. Dr. Libby seconded the motion.

  **Discussion:** None

  **Vote on the Motion:** The deadline extension was approved unanimously with 15 members voting in favor.

- **Site:** HSB NW147A  
  *Deficiency:* Steel plate can be cleaned, but is still rusty and needs to be painted or sealed.
Reason for request: Ms. Toussaint in Facilities Services requested that the deadline be extended to August 31, 2014. The project had been delayed by research on proper paint or an alternative approach. Recent experience with steel rusting through is causing Facilities Services to be more cautious.

Motion: Dr. E. Clark moved to approve the deadline extension. Mr. Muster seconded the motion.

Discussion: None

Vote on the Motion: The deadline extension was approved unanimously with 15 members voting in favor.

• Site: HSB RR751B
  Deficiency: Small dings and scratches on the wall need to be repaired.

Reason for request: Ms. Toussaint in Facilities Services requested that the deadline be extended to July 31, 2014. Facilities Services mistakenly thought this project was completed and upon learning of this error agreed to complete the work as soon as possible.

Motion: Dr. E. Clark moved to approve the deadline extension. Dr. Fitts seconded the motion.

Discussion: None

Vote on the Motion: The deadline extension was approved unanimously with 15 members voting in favor.

• Site: DCM T-Wing Vivarium T115
  Deficiency: Leaky trap in T115 needs to be repaired.

Reason for request: Ms. Sillers from DCM requested that the deadline be extended to November 30, 2014. There was some confusion with the leaky faucet in T137, which was repaired on July 8, 2014. The sink in T115 has a hole in it. The water in the T-Wing would have to be shut down to fix the sink.

Motion: Dr. E. Clark moved to approve the deadline extension. Mr. Lang seconded the motion.

Discussion: None
Vote on the Motion: The deadline extension was approved unanimously with 15 members voting in favor.

Approval of the June 19, 2014 IACUC Meeting Minutes

Dr. Sullivan called for approval of the minutes.

Motion: Mr. Muster moved to approve the minutes. Dr. E. Clark seconded the motion

Discussion: None

Vote on the Motion: The minutes were approved with 10 members voting in favor and 4 members abstaining from the vote. Mr. McLean was not present for the vote.

Semiannual Program and Facility Inspection Review:

Dr. Thompson-Iritani summarized the report for the Committee. The report in its entirety was previously sent to the Committee and the summary was presented via PowerPoint during the meeting.

The Committee discussed the increase of protocols identified as USDA Category E, noting that during past cycle, the number of protocols classified as a USDA Category E study has increased from 31 protocols to 62 protocols. This increase reflects a change in the consideration of the classification of protocols and it is anticipated that this number will continue to increase as the protocols are reviewed as part of their normal review cycles. Dr. Brabb summarized some of the types of procedures that would now be considered a Category E procedure.

Dr. Thompson-Iritani asked the Committee to take some time to review the report and to consider how the report could be improved and to submit their suggestions to Ms. Petersen.

Dr. Burich suggested that while many components of the program are reviewed on an on-going basis, it would be beneficial to specifically review components of the program such as the Disaster Plans at each meeting.

Ms. Petersen requested that the concurrence document be returned by July 28, 2014.

Attending Veterinarian’s Report:

• Noise: Dr. Brabb explained that there would be construction on the roof of the Health Sciences building that would impact one of the animal use areas. The construction team has met with the animal facilities team, so notification of the impact of the construction to start in August was sent to the users and efforts to mitigate this impact have been underway. However, the construction team did not understand that preconstruction activities would cause disruption as well, and on July 9, 10, 2014 preconstruction activity involving removing bolts began without notification of DCM or animal users. This activity did disrupt some ongoing behavioral experiments, which have now been moved to a different location.
Adverse Event: On June 11, 2014, an animal technician noticed that 5 dead neonatal mice had incisions on their chests and reported this information to Veterinary Services. After further investigation, it was discovered that the investigator, utilizing isoflurane anesthesia, had performed superficial thoracic skin incisions on 10, 10-12 day old neonatal mice in an effort to assess whether closure via skin glue would lead to maternal rejection as they were planning to do an experiment in the future looking at myocardial infarction in young mice. No analgesics were administered to the pups. This experiment was not described in the investigators protocol. Veterinary Services met with the primary investigator, the lab manager and the individual involved. The investigator has stated he will take further steps to ensure that the individuals in his laboratory read and thoroughly understood his animal protocol. This event has been reported to OLAW.

Motion: Dr. Brabb moved to send this investigator and the post-doctoral fellow involved separate letters of counsel asking for an outline of what steps will be undertaken to ensure that all future experiments will be performed as outlined in the IACUC-approved protocol. Dr. Fitts seconded the motion.

Discussion: Dr. Fitts asked if the incision was closed appropriately. Dr. Brabb explained that it had been closed, with skin glue. The Committee discussed sending a letter of reprimand as opposed to a letter of counsel. It was decided that a letter of reprimand should be sent to the postdoctoral fellow and a letter of counsel should be sent to the PI.

Revised Motion: Dr. Brabb moved to send a reprimand to the surgeon (postdoctoral fellow) and a letter of counsel to the PI. Dr. Fitts seconded the motion.

Vote on the Motion: The motion was approved unanimously with 14 members voting in favor.

Closing Business:

The meeting was brought to a close at 5:01 pm. The floor was opened to public comment.