

University of Washington
June 18, 2015 IACUC Meeting Minutes

Members Present:	J. Bales	C. Grue	J. Muster
	M. Bobola*	C. Hotchkiss	M. Newman
	T. Brabb	S. Libby	J. Sullivan
	E. Clark	M. Lucas	J. Stoloff

Members Absent:	A. Burich	C. Goodwin	M. Gough
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*M. Bobola alternate for M. Tetrick

Opening Business

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

The Institutional Official recognized the service and extraordinary contribution of the past IACUC Chair and announced that the Vice Chair had transitioned to the position of Chair.

Protocol Review

- Dr. Morrison, IACUC Protocol 2856-01 V.80 “p53 function in central nervous system”

The Significant Change was summarized for the Committee. The group was proposing two forms of a weaning variance that would allow them to house more than 5 weanlings of both sexes per cage on a temporary basis in formats that the group believed were in compliance with the UW housing guidelines.

The Committee discussed the changes, the main concern being the increased density of the cages, and the unintended consequences for the young mice.

A lab member was present and responded to the Committee’s questions regarding these issues. When the Committee no longer had questions for the lab member, he left the meeting.

The Committee continued to discuss the request. The general consensus was that there were too many variations proposed and that the scientific justification for a variation from the regular policy was not defined.

Motion: A motion was made and seconded to approve the Significant Change.

Discussion: It was suggested that the Committee postpone voting on this Significant Change until after the review of the policy addressing the number of mice maintained in breeding cages.

- Dr. Palmiter IACUC Protocol 2183-02 V.230 “Genetics of Mouse Behavior”

The Significant Change, revised since the review at the May IACUC meeting was summarized for the IACUC.

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The Committee's main concerns as discussed in the May IACUC meeting were the use of the drug due to the toxic/lethal effects, the harm/benefit analysis, the duration of water restriction, scientific merit and the overall success of the study as it was not clear whether or not the mice would stop drinking as a result of the effects of the drug. Additionally, the Committee had questions about animal monitoring and endpoint criteria. These concerns had been addressed as part of the revision of this Significant Change.

The Principal Investigator was present and responded to the Committee's questions regarding these issues. When the Committee no longer had questions for the PI, he left the meeting.

Motion: A motion was made and seconded to approve the Significant Change.

Discussion: None

Vote on the Motion: The motion passed with 11 in favor and 1 abstention.

Approval of the May 21, 2015 IACUC Meeting Minutes

The Chair called for the approval of the minutes.

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

Discussion: None

Vote on the Motion: The meeting minutes were approved with 8 members voting in favor and 3 abstentions (TB was not present for the vote).

OAW Director's Report

Please see attached.

- Weekly CTC – The Director reminded the IACUC that the review cycle has transition to Weekly rather than every 2 weeks. While it seemed to be working well, she asked that any concerns be directed to the OAW.
- Response to Previously Reported Non-Compliance
The OAW Director reminded the IACUC of a con-compliance involving the administration of an unapproved drug on a protocol. The drug was previously approved but was not included in the renewal. The PI replied to the letter of counsel as required and confirmed that a Significant Change was submitted for approval of the drug and also explained the methods that have been put into place to prevent future occurrences of this nature.
- Transition of Lab Managed Spaces to DCM Managed Spaces
The OAW Director explained that there is an emphasis on transitioning Lab Managed spaces to DCM Managed Spaces. It was explained that the IACUC would play a role in identifying groups that would benefit from the transition to DCM managed spaces.

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Attending Veterinarian's Report

Facility issues: None

Humidity: None

Temperature:

- On the afternoon of 5/21/15, one decentralized rodent housing space reported a high temperature of 80.2°F, which is slightly outside the upper range listed in the Guide (79°F). This resolved within an hour. There was an issue with poor communication with facility services during this event, which is still being investigated.
- From 5/18/15 to 5/19/15, a different decentralized rodent space had the temperature drop to 67.8°F, just outside the range (68°F). Facility services responded and fixed the problem.

Lights:

Brotman: On Saturday, May 30, 2015 there was a computer crash that affected the light control in the animal facility. The building maintenance crew did not notify the vivarium staff of this incident, but did get the lights turned off early Sunday morning (2 am). The lights came back on Sunday morning and remained on until Monday evening (June 1, 2015) when they were discovered to be on by a researcher, who notified the vivarium staff. The vivarium staff requested the building maintenance staff to turn the lights off manually. The next morning, they turned on again at the regular time. The computer issue was resolved on June 2, 2015.

DCM is working with the building maintenance staff to evaluate creating alarms to notify the facility staff if there is a lighting issue, as well as an updated SOP(s) that clearly outlines the importance of communication with the facility staff when there is a maintenance issue.

The Attending Veterinarian will report back in 2 months regarding alarms and communication issues.

Adverse events:

On May 18, 2015, a veterinary assistant was participating in a hands-on training session provided by DCM Veterinary Staff. During this session, a mouse's leg was inadvertently broken. The mouse was humanely euthanized and additional restraint training was provided to the veterinary assistant.

The IACUC did not require any action as a result of this event

Protocol Monitoring:

There are 16 protocols on the veterinary monitoring program. Ten protocols involve surgery, two involve anesthesia and surgery, and 2 involve restraint and surgery, and 2 involve other procedures.

Policies, SOPs and Guidelines

- **Monoclonal Antibody Production**

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It was explained that the policy was approved by the IACUC in 1998 in response to recommendations made by NIH. The following updates were made to that policy:

- 1) perform a search of the current literature to determine if alternative in vitro methods can be used.
- 2) provide assurance that the antibody is not commercially available from an in vitro source.
- 3) provide assurance that in vitro alternatives have been tried and not been successful.

Motion: A motion was made and seconded to approve the SOP with modifications.

Vote on the Motion: The Policy was approved unanimously with 12 members voting in favor.

- **Number of Mice Maintained in Breeding Cages**

It was explained that changes were made to Part 3 of the policy. The older policy stated: Three females and one male: Females need to be separated after pregnancy is detected, prior to delivery. If pregnancy is not detected, then females with litters must be separated before the pups are 10 days old (typically non-lactating females are removed from the cage soon after the litter is noted).

The proposed changes were: Three females and one male: Females must be separated after pregnancy is detected and prior to delivery. If pregnancy is not detected, then mice must be separated when the pups are between 3 and 5 days old (best practice is to remove non-lactating females from the cage 3-5 days after the litter is born).

Motion: A motion was made and seconded to approve the SOP with modifications.

Discussion: It is suggested that the policy should be updated to include wording for signage to be posted: "1 male and 3 females- No litters allowed"

Vote on the Motion: The SOP was approved unanimously with 12 members voting in favor.

Protocol Review Continued

- Dr. Morrison IACUC Protocol 2856-01 "p53 function in central nervous system" Version 80

Motion: A motion was made and seconded to approve the Significant Change presented earlier in the meeting.

Discussion: The Committee continued to discuss the Significant Change revisiting issues identified in the previous discussion.

Vote on the Motion: The Significant Change was not approved with 12 members unanimously opposed.

IACUC Member Training

The Committee was reminded that site visit simulation training was starting the following week. Members were asked to sign up for training if they had not already done so.

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Tips, Tricks and Suggestions for site visit documentation: The Committee was asked to use the model of:

“what” - What is the problem?

“why” - Why is it a problem? Including any policies and guidelines.

“what” - What should be done to fix it?

The Committee was also reminded that a Site Visit Guidance Tool that provides information about deficiency notes is available in the OAW Office for use by the IACUC Members.

Closing Business:

The meeting was brought to a close at 4:42pm and the floor was opened to public comment.