

**University of Washington
IACUC Meeting Minutes: December 15, 2005**

Date of Meeting: December 15, 2005

Members Present:	D. Anderson	T. Brabb	S. Cunningham	D. Fitts
	V. Gunderson	J. Kauffman	S. Kelley	N. Phillips
	Batterson			
	T. Robertson	P. Van Hooser	B. Whitney	

Members Absent:	W. Dickhoff	B. Iritani	P. Lisoskie	M. Tarabochia
	K. Waddell			

Opening Business

Dr. Cunningham called the meeting to order at 2:33.

Dr. Cunningham introduced two new Committee members, Dr. Brabb and Dr. Kelley.

Dr. Cunningham called for approval of the October 20, 2005 meeting minutes. Dr. Robertson moved to approve and Ms Kauffman seconded the motion. The minutes were approved with nine members voting in favor. Two members abstained (Dr. Brabb and Dr. Kelley).

Attending Veterinarian Report

PROBLEMS ADDRESSED

Dr. Brabb reported that there were no problems or unexpected deaths to report.

PROTOCOL MONITORING:

Dr. Brabb also reported that currently there are 4 active protocols on the veterinary monitoring list.

VETERINARY TREATMENT:

Dr. Brabb informed the Committee that the colony health status is good and the centralized facilities are free of specific pathogens.

ATTENDING VETERINARIAN STRUCTURE:

Dr. Brabb updated the Committee on the Attending Veterinarian structure. She noted that a search is being conducted for an Associate Attending Veterinarian, that would be 50% Associate Attending Veterinarian and 50% Clinical Veterinarian. During the search Dr. Iritani will continue to perform Associate Attending Veterinarian duties until this position is filled.

Executive Secretary's Report

Report on packets sent:

Dr. Phillips reported that 4 packets were sent to the Committee since the meeting on October 20, 2005. The 4 packets included 11 new protocols, 65 renewals, 14 of which were three-year renewals requiring a complete Project Review Form, and 94 Significant and Minor Changes. The IACUC has completed its approval process for most of these items, though some are awaiting final approval due to holds for items such as EH&S approval, OH review or signatures.

Incorrect Ordering Mechanism for Animals

Dr. Phillips reported to the Committee that a research group ordered pigs outside of the required operating procedure. The research group had made 2 errors and upon realizing the errors they took immediate corrective actions to prevent future mistakes. Dr. Phillips reported the errors and corrections as follow:

- A student helper who was approved on the protocol was removed when funds were no longer available to pay him. He was subsequently re-hired but was not added back to the protocol. The lab has made a comprehensive personnel list for each of their IACUC protocols, including each individual's name, responsibilities and training dates. This is kept in a lab binder and will be periodically reviewed to ensure completeness and compliance.
- After being re-hired, the student ordered pigs for upcoming experiments. However, the pigs were ordered directly with the vendor instead of through Comparative Medicine. Proper procedures ensure that the IACUC protocol is approved, that no more animals than are approved are actually ordered, that the person placing the order is listed on the protocol and that space will be available for housing the animals. The lab has taken measures to prevent the error in the future. They have prepared a list of instructions for proper ordering and that has been added to their general lab binder.

Discussion followed. Dr. Phillips noted that basically this was a paperwork error. Dr. Cunningham suggested that a letter be sent to the investigator acknowledging that the errors occurred and the appropriate steps were followed to insure all personnel are added to the protocol and that animals would not be ordered incorrectly again.

IACUC Procedures

Dr. Phillips talked to the IACUC regarding the IACUC review procedure issues as follow:

- Dr. Phillips explained that the federal regulations allow an administrative review of annual renewals with no changes proposed. At the University, these renewals have always been sent to the IACUC members for review along with all other items. Dr. Phillips proposed adopting a procedure in which an IACUC member would review the annual renewal to ensure that there were no changes proposed and that that member could then administratively approve it if there were none. She proposed that if there were issues reported such as unexpected morbidity or mortality, that the reviewer could forward the renewal to the Attending Veterinarian for follow-up and to determine whether the PI needed to submit a significant change to the protocol. Based on the review by the IACUC member and the veterinarian, the annual renewal could be approved or it could be sent out to the IACUC members for further review.
- Dr. Phillips suggested that when the IACUC approves a new protocol or a 3-year renewal, that the PI be provided with the approval date and the 3-year expiration date instead of the annual date. The approval letter would indicate that an annual review is required and reminder notices would go to the PIs as always. In conjunction, the forms would be changed so that the PIs

could request the animal numbers needed for 3 years instead of just one and at the annual renewal time no adjustments would have to be made in the IACUC database. This would help solve the problem that occurs when the start time of the research is delayed and not all the animals requested are used in the first protocol year. So the PI may need fewer that first year and more the second year. This simply complicates the process for the PI and the IACUC in terms of ensuring that the overall number of animals needed, as justified in the original application, has not been exceeded.

Dr. Phillips explained how both of these changes would work well with a newly acquired web-based protocol system eSirius that the IACUC will be implementing. Discussion followed.

Dr. Phillips made a motion that the IACUC implement an administrative review of annual reviews to protocols that have no changes. Dr. Gunderson Batterson seconded the motion. The vote was unanimous in favor of accepting the motion.

Dr. Phillips made a second motion that the IACUC implement procedures so that on new protocols and 3-year renewals investigators request animals they need for the full 3-years instead of one year and that the IACUC start putting the 3-year expiration date on the protocol paperwork along with the annual review date. Dr. Whitney seconded the motion. The vote was unanimous in favor of accepting the motion.

Full Committee Review: IACUC 2671-06 "*Host Defense Against Intracellular Infection of the Lung*"

Dr. Lucas gave a brief description of the significant change requested for this protocol and the review group's discussions. She explained that the proposed change is in regard to an ongoing study involving the effects of adjuvants on survival in mice infected with strains of *Francisella* spp., the agent of tularemia. This significant change involves allowing the mice to reach a moribund state prior to euthanasia. Dr. Lucas reported that their primary topic of discussion was the possibility of using infrared surface body temperature measurements to provide a quantitative measure of imminent death (an additional criterion for euthanasia), which ought to reduce the number of animals that may die prior to euthanasia and provide a more objective endpoint. She noted that the other topics discussed included the number of additional animals needed for the first study, "Effect of immunomodulator treatment on pneumonic tularemia," which was adjusted from 48 animals to 96 animals, and the monitoring of animals every 8 hours, which was modified to at least every twelve hours.

Discussion followed. Dr. Cunningham requested that the investigator report back to the Committee on the progress in two months. Dr. Anderson moved to accept the review group's recommendations and to approve the Request for Significant Change to the protocol with a follow-up report to the IACUC on the progress in two months. Ms. Kauffman seconded the motion. The vote was unanimous in favor of accepting the motion.

Review of IACUC 2475-22 "*Hepatic and Intestinal P-glycoprotein and CYP3A4/5 Expression and Activity in Pregnant Macaques*"

Dr. Phillips reminded the Committee that this was a study for which the IACUC had approved the first four animals and with the requirement that the group would report back to the Committee on the progress of those four animals. Dr. Phillips explained that the group is on the fourth animal now but that the protocol is due for its annual renewal. She noted that she had hoped that she would have the progress report in time for the meeting but that the group had not submitted it yet.

She suggested that the Committee approve the annual renewal but with no new animals so that the group can complete the work with the current animal. When the progress report is submitted it would again be placed on the Committee agenda for discussion.

Primate Environmental Enrichment

Dr. Crockett provided to the IACUC a presentation on the University of Washington's Primate Center Environmental Enhancement Plan and Psychological Well-being Program. Her presentation included the following topics:

- History of the program
- Description of the types of enrichments
 - Food treats (some of which are simple treats and some more complex)
 - Toys (puzzle balls, chew toys)
 - Social contact (group housed, mirrors)
 - Perches
- Restrictions and exemptions (very few exemptions)

eSirius Demonstration

Dr. Phillips demonstrated the web-based protocol system that has been purchased. She explained that this system will require the investigator to enter and update their protocols online and for the IACUC to review protocols online.

Closing Business

The meeting was brought to a close at 4:05 p.m.

The floor was opened to public comment.