

Institutional Animal Care and Use Committee
Meeting Minutes
Monday, January 13, 2020

Present: T. Anderson (Chair), M. Bray (Atten. Veterinarian) Members #3, 8, 16, 17, 19, 20, 21, 23, 26
Absent: Members #2, 18 (sabbatical), 25
Recorders: IACUC Analyst, IACUC Coordinator

The meeting was called to order at 11:18 a.m.

- ❖ November 4, 2019 minutes were approved with one abstention from a member who was not present at the meeting.

- ❖ **OLAC Report of Adverse and Otherwise Animal Events**
There were no adverse events observed or reported to the OLAC.

The new OLAC Senior Technician is expected to start January 21, 2020. The new hire has 14 years of experience handling rodents and other USDA covered species at 3 local academic research institutes.

- ❖ **Administrative Report of Activity Since Last Meeting**
The report of activity since the last convened meeting was distributed.

FULL COMMITTEE REVIEWS					
APF #	Project Title	Cat. of Use	Status	Field or Lab	Reviewers
NEW SUBMISSIONS					
19-11-011P	Anticancer activity of novel protein kinase small molecular inhibitors	C	Approved	L	#19
The committee voted to approve this submission.					
3RD YEAR RENEWAL					
19-11-012B	OLAC Quality Assurance in Health Surveillance, and Training in the Care, Treatment and Use of Rodents – 3 rd year renewal of APF #16-11-017B exp. 1/13/20	D	Approved	L	#3
The committee voted to approve this submission.					
AMENDMENTS					
19-05-004Mc	Bacterial Minicells as Immunotherapeutic Cancer Agents – Amendment #1 add more cancer mouse strains, mouse cell lines changes, increase animal numbers and number of experiments same as the experiments outlined in the protocol just using new cell lines. Routed VVC on 11/21/19 but committee wanted FCR.	E	Approved	L	#2
The committee voted to approve this submission.					

- ❖ **Other Business**
 - **PI submitted Observation Only Teaching Activities Evaluation Form** – The evaluation form was distributed to the committee and was approved by the chair as observational activities that do not require the submission of a protocol.

- **Providing mice to high school biology class**

One of the committee members asked if it was possible to donate mice to a high school teacher so her students can dissect them. The committee stated only mice that have not been treated or manipulated would be appropriate. One suggestion could be mice from the sentinel program but purchasing mice from a vendor may be the best idea for the high school. If the teacher makes the request again we will see what we have available and decide at that time.

- **Letter of concern sent to PI and PI Response**

The Chair notified the committee that a letter of concern was sent to a PI after she reported a few Elasmobranchii species used over the last year that are not listed in her approved protocol. The PI indicated collecting samples from some fish opportunistically as they are unexpectedly encountered when accompanying the California Dept. of Fish and Wildlife and Birch Aquarium staff doing regular surveys. . Since there are limited number of Elasmobranchii species that she could encounter, we suggested previously that she submitted a revised protocol listing them all so she would be covered. She submitted that revised protocol and will be placed on the agenda of the next meeting. The PI will be sent a letter from the IACUC reinforcing the fact that animals cannot be used in research unless they are listed in an approved protocol.

- **Pre-Inspection of Chicken Coop** – The committee was invited to attend the chicken coop pre-inspection at 2 pm today. Chickens will be housed once the inspection takes place. Semi-annual inspections of the housing will start in April for this location.

The meeting was adjourned at 12:13 p.m.

The next meeting is scheduled for February 10, 2020.

**Institutional Animal Care and Use Committee
Meeting Minutes
Monday, March 9, 2020**

Present: T. Anderson (Chair), M. Bray (Atten. Veterinarian) Members #2, 3, 16, 19, 20, 21, 23, 25
Absent: Members #8, 17, 18 (sabbatical), and 26
Recorders: IACUC Analyst, IACUC Coordinator

The meeting was called to order at 11:18 a.m.

- ❖ January 13, 2020 minutes were approved with one abstention from a member who was not present at the meeting and minor edit.
- ❖ **OLAC Report of Adverse and Otherwise Animal Events**
There were no adverse events observed or reported to OLAC.
- ❖ **Administrative Report of Activity Since Last Meeting**
The report of activity since the last convened meeting was distributed.

FULL COMMITTEE REVIEWS					
APF #	Project Title	Cat. of Use	Status	Field or Lab	Reviewers
NEW SUBMISSIONS					
	No new submissions				
3 RD YEAR RENEWAL					
	No new submissions				
AMENDMENTS					
19-03-003S	Potentiation of stem cells to retard cardiac aging - Amendment #3 add chamber vaporization studies	D	DMR subsequent to FCR	L	#16
The committee voted to approve by DMR subsequent to FCR once the following items have been addressed and submitted in a revised protocol:					
<ul style="list-style-type: none">• If animals are going to be in the vaporizer without dividers, the number of animals in the equipment at one time will need to be lower than 24, it is suggested to hold only 8 at a time either way while in the chamber, or provide your alternatives.• Ensure proper cleaning for laboratory, echocardiograph room, and housing room.• Ensure there is a designated secure area in the laboratory for these activities.• Suggest changing disinfectant used (Clavacide is not sufficient for certain animals related diseases).• Develop and submit an SOP for all transport and transfer to include housing room, laboratory, and echocardiograph room.					

❖ **Other Business**

- **Compliance Issue**
The chair distributed and discussed a compliance issue regarding a PI housing juvenile chickens in a room adjacent to his lab. This activity is not approved in their current protocol. OLAW will be notified of the compliance issue and the PI is required to submit an amendment to include the activity. The housing location will be inspected directly after this meeting
- **OLAW Site Visit**

OLAW visited our campus on January 29, 2020. They requested to see our records and facilities. The site visit went well and they were impressed with our program. OLAW sent a letter outlining the outcome of the site visit and asked for a response by May 31, 2020 to address some issues they found.

- **Policy Updates – OLAC will send to PIs:**

- **Enrichment and Social Housing of Rodents** – New IACUC guidelines approved
- Changes to AVMA Methods of Euthanasia guidelines – The new guidelines will be replaced on the website and the **SDSU Guidelines on Euthanasia** was updated and approved to align with then new AVMA guidelines.

- **Letter of concern sent to PI outcome**

The Chair notified the committee that the PI submitted an amendment to add the additional species in question and it was approved by DMR on February 10, 2020.

- **Schedule Facility Inspections for April**

- ALV, NLS, BSC Vivarium, Hardy Tower, PI Labs – April 7th- 10 a.m. until complete, 4 hours scheduled (Bray, Members #16 and #23)
- CMIL – April 10 at 10:30 a.m. (Bray and #23)
- Program Review will be conducted on April 13th after the IACUC meeting

- **BSO Update**

The BSO notified the committee that EHS has been monitoring isoflurane exposure with devices provided to some regular users of the equipment in the vivaria. The testing concluded that the exposure was well over the OSHA limits. EHS will be working with OLAC and personnel to eliminate the over exposure.

The meeting was adjourned at 12:28 p.m.

The next meeting is scheduled for April 13, 2020.

Institutional Animal Care and Use Committee
Meeting Minutes
Monday, April 13, 2020

Present: T. Anderson (Chair), M. Bray (Attending Veterinarian) Members #2, 3, 8, 16,17, 19, 20, 21, 23, 26

Absent: Members #18 (sabbatical), and 25

Recorders: IACUC Analyst, IACUC Coordinator

The meeting was called to order at 11:18 a.m. Due to Covid-19 outbreak and the stay at home orders, the meeting was called electronically via Zoom.

- ❖ March 9, 2020 minutes were approved with one abstention from a member who was not present at the meeting and a minor edit, change BSO to EHS Representative.

- ❖ **OLAC Report of Adverse and Otherwise Animal Events**

There were no adverse events observed or reported to OLAC.

The animal facilities are short staffed with one part time employee out due to COVID-19 work restrictions, leaving 3 full time staff members to manage the facilities. OLAC is able to continue to perform normal husbandry, health checks and notifications to the labs with the current staffing levels. The labs will be asked to assist with the care of the animals if staffing levels become critically low due to staff absence. To assist with compliance, OLAC has offered to perform any necessary separations at no cost to the labs.

- ❖ **Administrative Report of Activity Since Last Meeting**

The report of activity since the last convened meeting was distributed.

FULL COMMITTEE REVIEWS					
APF #	Project Title	Cat. of Use	Status	Field or Lab	Reviewers
NEW SUBMISSIONS					
	No new submissions				
3 RD YEAR RENEWAL					
20-03-001M	Prenatal Alcohol Exposure in Mice: Behavior and Treatment Response. 3 rd Year Renewal of APF #17-04-003M exp. 5/8/20	C	Approved	L	#2
<p>The committee voted to approve this submission with one minor edit:</p> <ul style="list-style-type: none"> Supplement 3, A.1: Correct blood volume typo. 					
AMENDMENTS					
19-02-002A	Impacts of Invasive Alga on the Recruitment of a Temperate Reef Fish – Amendment #1 increase in animal numbers and add a grant	E	DMR Subsequent to FCR	L/F	#21 Reviewer misidentified on agenda
<p>The committee voted to approve once the following items have been addressed and submitted in a revised protocol:</p> <ul style="list-style-type: none"> Page 9, Section G1: Animal numbers need to be updated to match. Page 9, Section G1: Clarification on habitat choice and ambient movement. 					
19-08-009C	Behavioral Ecology of Vertebrates – Amendment #2 add species and locations	D	Approved	L/F	Chair
The committee voted to approve this submission.					

❖ Other Business

- **Animal Exposure Program Changes** – A draft medical record questionnaire form for those involved in animal research was modeled after two other universities. The committee had many questions and concern about the questionnaire, including confidentiality, the security of documents, and who would be able to access to the individual health information. The EH&S representative will perform further analysis of the program and report back to the committee at the next meeting.
- **Program of Veterinary Care – Annual Review** – distributed and approved.
- **Semi-Annual Program Review Spring 2020** – distributed and approved with comments.
 - The emergency disaster plan, as it pertains to animal use in research and teaching, will be updated and submitted to the committee for review once finished.
 - The CITI IACUC member training is mandatory. If there are any IACUC members who have not yet completed the training, reminders will be sent to them.
- The Assistant Vice President for Research Support Services stated that a revised Assurance has been submitted to OLAW and is working on the other necessary responses to OLAW for addressing the recent site visit comments and recommendations.

The meeting was adjourned at 12:46 p.m.

The next meeting is scheduled for May 11, 2020.

Institutional Animal Care and Use Committee
Meeting Minutes
Monday, May 11, 2020

Present: R. Gulizia (Designated Chair) M. Bray (Attend. Veterinarian) Members #2, 3, 16,17, 19, 20, 21, 23
Absent: T. Anderson (Chair) Members #8, 18 (sabbatical), 25 and 26
Recorders: IACUC Analyst, IACUC Coordinator

The meeting was called to order by member #20 in the absence of the Chair, at 11:17 a.m. Due to Covid-19 outbreak and the stay at home orders, the meeting was called electronically via Zoom.

❖ April 13, 2020 minutes were approved.

❖ **OLAC Report of Adverse and Otherwise Animal Events**

There were no adverse events observed or reported to OLAC.

OLAC is able to continue to perform normal husbandry, health checks and notifications to the labs with OLAC is able to continue to perform normal husbandry, health checks and notifications to the labs with reduced staffing levels during the campus closure. Census is expected to remain low for the near and longer term futures due to the reduced activity and the departure of a faculty member, whose large animal colony represented about 33% of census.

❖ **Administrative Report of Activity Since Last Meeting**

The report of activity since the last convened meeting was distributed.

FULL COMMITTEE REVIEWS					
APF #	Project Title	Cat. of Use	Status	Field or Lab	Reviewers
NEW SUBMISSIONS					
	No new submissions				
3 RD YEAR RENEWAL					
20-04-002T	Effects of Drugs on Behavioral and Brain Development – 3 rd year renewal of APF #17-04-004T exp. 6/27/20	D	DMR subsequent to FCR	L	#21
The committee voted to approve by DMR subsequent to FCR once the following items have been addressed and submitted in a revised protocol:					
<ul style="list-style-type: none"> • Supplement 4 – add the use of CO2 • Include the use of LPS in the appropriate sections of the protocol • Develop an SOP for prosocial empathy task 					
AMENDMENTS					
	No new submissions				

❖ **Other Business**

- **Semi-Annual Facility Inspection Reports** - was reviewed and approved with minor edits. The BSO will confirm that the substance control review was conducted. The approval signature page will be sent to the members present at the meeting for signing.
- **iMedris** – the software has been purchased for IACUC and IBC for electronic platform protocol submission. The IBC protocol will be developed first.
- Guidelines for systematic, staggered re-opening of research activities have been developed and are under review by SDSU President and the Chancellors Office for approval. Updates for re-opening will be provided periodically.
- **BSO Update** - the BSO notified the committee that EHS is monitoring isoflurane exposure with devices provided to some regular users of the equipment a lab. The testing concluded that the exposure

levels of isoflurane was well over the OSHA recommended acceptable limits. EHS is working on how to fix the issue to avoid over exposure.

The meeting was adjourned at 11:49 a.m. The next meeting is scheduled for June 8, 2020.