

SUNY, COLLEGE OF OPTOMETRY
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE MINUTES:
May 19, 2021

IACUC members in attendance via Zoom Conference Call:



I. The Chair of the IACUC called the meeting to order at 12:05 p.m. This constitutes the semi-annual IACUC program review, facility inspection and review of protocols. The Facility inspection has been postponed until summer 2021

I. Previously Discussed Business:

The Chair of the IACUC read the Conflict of Interest and Confidentiality Agreement to the committee at the start of the meeting:

Conflict of Interest:

Should any member have a conflict of interest involving any investigator, protocol or business item under consideration at the IACUC meeting, they are to depart the room during the IACUC's vote on the item. The actual nature of the conflict need not be disclosed. Members unsure of whether a particular situation is a potential conflict may present the issue to the IACUC for consideration during the meeting or prior to the meeting, may present the issue to the IACUC Chairman for consideration.

Confidentiality Statement:

Institutional Animal Care and Use Committee (IACUC) meetings are not public meetings. Members must maintain the confidentiality of information shared as part of the activities of the IACUC; this provides protection to the researchers and IACUC members. Members will not disclose or use IACUC discussion, deliberations, decisions or protocol information in any way. All such information (and any copies and notes thereof) shall remain the sole property of SUNY Optometry, and the obligation of confidentiality shall last indefinitely.

All members were recorded denying conflict of interest and confirming the confidentiality of the meetings.

II. New Business

2.1 The minutes of the previous meeting on November 16, 2019 were distributed to members by email prior to the meeting for review.

2.2 New Employee: [REDACTED] was hired to replace [REDACTED]. He has extensive experience with rodents and has been a very welcome addition to the facility.

2.3 The New York State Inspection has been postponed until the summer of 2021.

2.4 Two Non-Human Primate Macaque transfer arrangements:

- One NHP [REDACTED] will be donated to SUNY Downstate (NIH Funding will not be used for transfer expenses). A second NHP will be transferred from holding protocol [REDACTED] to protocol [REDACTED] upon receipt of the [REDACTED] protocol amendment.
- Older Marmosets (no longer able to breed) will be exchanged with TX BioMed younger breeding animals (5 in total).

2.5 Occupational Health & Safety program: A Nurse Practitioner in a local medical office has agreed to be available to assess/treat research staff potentially exposed to Herpes B virus through contact with macaques. She is close in proximity to the college and has expressed almost around the clock availability. A meeting will be arranged with the [REDACTED] and [REDACTED] to discuss the agreement.

III. Old Business

3.1 The BRF Director and the Attending Veterinarian are continuing with AAALAC preparations in consultation with the IT department to evaluate the use of Moodle provide researchers with a forum to share regulatory and training information, policies, and documents with an emphasis on ensuring all researchers are aware of revisions and update.

IV. Protocol Review

4.1 Designated Member Review:

- [REDACTED] (1st year renewal) *approved*
- [REDACTED] (Protocol Amendment) *approved*
- [REDACTED] (1st year renewal) *approved*

4.2 Full Committee Review:

- [REDACTED] (2nd year renewal) - Modifications required for approval:
 1. Summarize scientific progress over the past year
 2. Detail refinements in sedation/anesthesia for ERG recordings. Include sedative and dose guidance from the BRF Director and Attending Veterinarian. Indicate that bradycardia and hypotensive effects of dexmedetomidine are not mitigated by an anticholinergic. Dexmedetomidine is therefore not the safest agent to use. The use of ketamine and acepromazine is recommended. An anticholinergic agent

such as glycopyrrolate or atropine, administered prior to sedatives will reduce bronchial secretions and mitigate cardiovascular vagal effects (bradycardia, hypotension) of the acepromazine.

3. Write an SOP for ERG recordings to be followed by lab personnel
 4. Confirm the date they were starting. Initially thought it was in September.
 5. Change language regarding purchasing a baby respiratory monitor from 'consider buying' to purchase a Baby Monitor.
- [REDACTED] harmoset pilot; (three year review) - Modifications required for approval: *review responses by DMR*
 1. Wellness checks during sedation/anesthesia should be every five minutes and not every 15 as stated.
 2. Meet with [REDACTED] to obtain details regarding anesthesia refinement for the ERG recordings and revise the protocol to include the SOP for personnel, agents, doses and procedures. The refinement discontinues dexmedetomidine use during ERGs.
 3. Will an eye speculum be used? what size? The size needs to be the correct to prevent artefactual increase in intraocular pressure (IOP).
 4. Why are both an infrared heating pad and a warm water circulating pad being used?
 5. Include withholding of food prior to administration of injectable anesthesia.

V. Program Review and Facility Inspection:

The Program review was conducted via zoom by IACUC Chair, Veterinarian and Facility Director- no deficiencies were noted

such as glycopyrrolate or atropine, administered prior to sedatives will reduce bronchial secretions and mitigate cardiovascular vagal effects (bradycardia, hypotension) of the acepromazine.

3. Write an SOP for ERG recordings to be followed by lab personnel
 4. Confirm the date they were starting. Initially thought it was in September.
 5. Change language regarding purchasing a baby respiratory monitor from 'consider buying' to purchase a Baby Monitor.
- [REDACTED] / marmoset pilot; (three year review) - Modifications required for approval: *review responses by DMR*
 1. Wellness checks during sedation/anesthesia should be every five minutes and not every 15 as stated.
 2. [REDACTED] to obtain details regarding anesthesia refinement for the ERG recordings and revise the protocol to include the SOP for personnel, agents, doses and procedures. The refinement discontinues dexmedetomidine use during ERGs.
 3. Will an eye speculum be used? what size? The size needs to be the correct to prevent artefactual increase in intraocular pressure (IOP).
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