

**Institutional Animal Care and Use Committee Meeting
Minutes**

**1:00pm, March 8, 2021
Remote via Zoom**

Voting Members Present: Chair; M-1; NA-2; S-1 (left @ 2:20); S-2 (left at 2:20); S-3 (left at 2:20); S-4; S-6; S-7; V-1; V-2; V-3

Alternate Members Present: M-A-1; S-A-3; S-A-10; V-A-3

Voting Members Absent: NA-1; NS-1; S-5; S-9; S-10

Visitors Present:

Meeting was brought to order at 1:01 PM and quorum confirmed with 12 of 17 members present.

Standing Items:

- **Approve minutes of previous meetings**
 - o The January 2021 minutes were approved as written
- **Submission Metrics**
 - o The IACUC AD presented submission metrics. Of note:
 - 83 total submissions since January meeting. This is comparable to busiest submission times in last 2 years
- **Calendar invites**
 - o Staff sends out reminders ~3 days before a DMR is due. If members would like calendar invites for due dates, let office know

Old Business:

- **eSirius issues & updates**
 - o The Committee discussed some ongoing issues with eSirius update. Of note:
 - o Since our update, a few inconsistencies have been brought forward, that were not present in testing, which could give us an opportunity for revisions to instructions and help text. Staff is working with Cayuse to correct.
 - Methodology & surgery sections:
 - Veterinary drug dosages are being included due to incorrect instructions in eSirius tool tips.
 - DeNovo renewals have all documents attached from previous versions, which is incorrect.
 - o Breeding addendum
 - Going back to an old version as the current version does not allow accurate calculation of breeding genetic lines
- **Plan of action regarding training & documentation**

- The Committee discussed new & updated training documents as part of the on-going plan of action to address training documentation deficiencies. Of note:
 - These documents will be offered to PIs as a packet to assist them in ensuring training documentation meets expectations set forth by AAALAC
 - I-IC-GU-302 Training Documentation
 - New doc under development
 - Guidance indicating that all procedure training must be documented
 - I-IC-GU-301 Surgery Training and Facilities
 - Currently approved document with some minor updates
 - I-IC-SOP-118 Training Documentation
 - New document outlining what information needs to be documented
 - I-IS-FM-038 Lab Training Documentation
 - New document to assist labs to document and track training provided
 - Goes along with the documentation UAC sends to us for specific activities
 - UAC will still notify office of training completed
 - I-IS-FM-037 Surgical Training Documentation
 - Current document
 - Spreadsheet in Box available to [REDACTED] lab and office
 - New document to be shared between office and PI to allow verification of appropriate documentation

- **16-202***

- Treadmill has been rebuilt and inspected by UAC veterinarians. Treadmill is approved for use
- Will close out inspection entry from Fall 2020 SA inspection

- **I-IC-GU-113**

- Changes to document to address/clarify inconsistencies in definitions were discussed. Of note:
 - Edits made to bring into current university & committee expectations
 - Will likely require additional input and editing over several iterations
 - Euthanasia only protocols vs no live animals
 - There were inconsistencies between eSirius and document.
 - We have a small number of protocols that only perform euthanasia and tissue harvest and are not federally funded.
 - eSirius mentions no manipulation “prior to anesthesia,” implying euthanasia activity only can be covered by an abbreviated protocol.
 - May require full protocol for federal funding
 - Removed UAC veterinary care as requiring a protocol as UAC veterinary care to ensure animal welfare is covered by UAC
 - Custom antibody information needs additional clarification
 - Custom antibodies need to be mentioned on protocol if their production is not described as part of UA PI’s work
 - Commercially produced antibodies are generally under oversight of an IACUC, however custom antibody production may require an IIA
 - Cephalopods may need to be mentioned as part of IACUC oversight, as encouraged by accrediting bodies.

- Veterinarians to review to ensure definitions are correct
- Request to cite regulation, rather than offer direct definitions
- Continue to rework document and present at future meeting. Document will be made available in Box

New Business:

- **2021-001-I**
 - The Committee discussed an incident involving an incorrect transfer procedure. Of note:
 - Animals were incorrectly transferred between protocols, causing animals to be used per protocol, just on the wrong protocol
 - **The Committee approved the following:**
 - Single incident between both PIs
 - Corrective action already taken is sufficient
 - Does not meet threshold of non-compliance, report to be closed
- **2021-001-E***
 - V-1 presented an adverse event report relating to an approved procedure. Of note:
 - Animals underwent approved procedures with expected 20% failure rates.
 - Two animals successfully reached the study endpoint with no complications.
 - Stent procedure (1 animal) was unsuccessful and should be performed terminally until the procedure is refined and successful.
 - Ablation procedure encountered complications during recovery.
 - Animal 1 was recovered uneventfully and no post-surgical clinical symptoms were observed. Animal was found deceased ~2 weeks after the procedure.
 - Animal 2 was recovered with difficulty but went into respiratory arrest. Animal was successfully resuscitated but continued to have respiratory distress and was euthanized.
 - Animal 3 displayed a slow recovery and eventually developed respiratory distress. Veterinarian administered treatment, but respiratory distress recurred and animal was euthanized.
 - Necropsy was performed on all 3 animals. Necropsy findings and suspected pathogenesis were discussed by the IACUC.
 - All incidents were reported to the USDA.
 - PI will work with veterinarians to refine procedures as these are novel surgical techniques.
 - **At the advice of veterinarians, the IACUC approved the following:**
 - Procedures are to be refined before moving forward with additional survival studies.
 - 2 animals are to be used each on aims 1 and 2 to refine procedures.
 - When they occur complications typically develop within 4 hours of procedure, animals will be kept anesthetized, rather than recovered, for up to 8 hours. Data will be collected during this time frame and techniques refined, and animals will be euthanized at the end of time frame.
 - Results to be presented at a future meeting, after 2 each are completed.
 - Failure rate in protocol will be updated to be more accurate once more information is collected.
- **PI spring SA Inspections**
 - Semi-annual inspections of PI laboratory locations were discussed. Of note:
 - Starting at end of March through April

- Inspections will again be virtual
- Inspectors will be assigned and will coordinate schedule with PI
- Areas with no WiFi or cell service will be identified and PI will video lab as requested by office. Recording will be reviewed by inspector(s) and then discarded
- If a lab is not performing activities, may go to a new category of limited inspections
 - If they plan to use in 6 months, they will be inspected

Member Training:

- Member training regarding inspections was provided. Of note:
 - Training checklist
 - Go over helpful points
 - Ask them to describe what they do from transport to facility to end of life
 - Can they find the protocols
 - Give an overview of the whole lab and then do the walkthrough
 - Euthanasia
 - make sure double checking procedure, approval, and equipment
 - When checking the protocol, look at personnel and have PI/manager verify accuracy
 - Expired drugs have not been as much of an issue, but still make sure to check drugs present in lab

Meeting was adjourned at 2:28 and quorum maintained for the duration.

*Indicates USDA species.

Minutes compiled by IACUC Specialists and IACUC Assistant Director.

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