

**MINUTES OF THE  
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE MEETING  
Zoom Teleconference  
May 18, 2022  
2:00pm**

**VOTING MEMBERS PRESENT**

Dr. Agustin Jimenez-Ruiz  
Dr. Ed Heist  
Dr. Jennifer Harris  
Dr. Karen Jones  
Ms. Liz Gersbacher  
Dr. Lydia Arbogast

**ALTERNATES PRESENT**

Amanda Ingram (subbing for Erin Perry)  
Carolyn Skouby (subbing for Non Scientist)

**VISITORS**

Ms. Chris Massey  
Ms. Sarah Kroenlein  
Dr. Jay Puthenpurayil Sasidharannair

**CALL TO ORDER AND OPENING REMARKS**

The meeting was called to order at 2:01 pm and Dr. Jones welcomed everyone to the meeting and said the group would discuss some items beyond those included on the agenda, such as new IACUC membership, the Live Feed Policy, and the upcoming Hoop Barn inspection at SIU Farms.

**REPORT OF ANIMAL ILLNESSES/ISSUES – DR. HARRIS**

Dr. Harris provided an overview select items from her animal illness/issues report and stated the full report was available to the committee on D2L, should they want to review it.

**APPROVAL OF MINUTES OF THE MEETING OF March 16, 2022**

The group suggested some grammatical improvements and corrections for some sections of the minutes.

Dr. Heist moved that the minutes be approved with the noted corrections and clarifications. Dr. Harris seconded the motion.

Total Voting = 8    Vote: For = 7    Opposed = 0    Abstained = 1

**REVIEW OF PROTOCOLS & AMENDMENTS BY FULL COMMITTEE**

***22-015 - Gene Regulation by Myogenin Renewal by Judy Davie***

Dr. Harris and Dr. Arbogast noted several corrections and clarifications in the protocol. Dr. Arbogast wanted more details describing cage requirements and why deceased animals were autoclaved. Dr. Harris wanted more details describing the toxicity of cardiotoxin and daily handling of animals. Both wanted more details about the use of pharmaceutical grade drugs, specifically that the section addressing pharmaceuticals includes a reference to the IACUC policy.

Dr. Harris moved the study be sent to Designated Member Review. Dr. Heist seconded the motion.

Total Voting = 8    Vote: For = 8    Opposed = 0    Abstained = 0

#### Corrections to Konjufca 21-025 and SOP 4 by **Vjollca Konjufca**

Dr. Jones opened the conversation saying that she had read through the proposed correction to change how long the mice will be wearing collars from 4 to 14 days, but given the complexity of the protocol was unclear about what Dr. Konjufca was trying to achieve with the increase. Dr. Arbogast concurred and added she was also unclear if there was just one or multiple experiments included in the protocol. Dr. Konjufca was contacted by phone to join the meeting and provide an explanation of the corrections.

[Dr. Konjufca joined the meeting at 2:35 pm]

[Dr. Jimenez-Ruiz left the meeting at 2:40 pm and rejoined at 2:50 pm]

[Dr. Jimenez-Ruiz left the meeting at 2:58 pm and rejoined at 3:00 pm]

Dr. Konjufca explained that in the actual protocol she had day 4 instead of day 14 and that was a typo. She then referenced her SOP4 where she had treatments designated “for the duration of the study” which is 14 days. She also clarified that 4 days is the minimum amount of time for the mice to be collared in order to maintain the validity of the study according to the literature.

She clarified there is just one experiment contained within the protocol and it will be repeated twice. She also clarified the mice will be singly housed and collared for *up to 14 days*, but once the mice produce pellets they will be returned to group housing. Dr. Jones and Dr. Arbogast suggested that a range of “4 to 14 days” could help clarify the duration better than just one number. Dr. Konjufca agreed.

[Dr. Konjufca left the meeting at 3:05]

Dr. Jones asked the committee if the study should go to DMR then a vote was taken.

Total Voting = 8    Vote: For = 7    Opposed = 0    Abstained = 1

### **OTHER BUSINESS**

#### ***IACUC Semiannual Program Review***

Dr. Jones presented a draft of the Semiannual Inspection Report and the completed Inspection checklist. She noted the majority of the program received either an “acceptable” or “n/a” rating, but that Post Approval Monitoring (PAM) of protocols was identified as a “minor deficiency”. She said the program does an adequate job of inspecting protocols taking place within University facilities, but the inspection of protocols without facilities (e.g. wildlife research) was inadequate and could be improved upon.

Ms. Gersbacher moved the semiannual inspection report be approved, and a meeting scheduled with the Institutional Officer. Ms. Skouby seconded the motion.

Total Voting = 8    Vote: For = 8    Opposed = 0    Abstained = 0

### ***Live Feed Policy***

Dr. Jones opened the discussion on the Live Feed Policy and gave the floor to Dr. Heist. Dr. Heist has concerns about the live feed policy as it applies to non-insect, invertebrate species such as *Artemia nauplii* (i.e. Brine Shrimp). Dr. Heist explained they are fed to fish almost immediately after hatching and do not require feeding or enrichment. They are also microscopic and aquatic and so cannot escape and overrun a facility like insects can.

Therefore, the live feed policy as it is written does not apply well to this species and so he would like to work on a SoP addressing the specific attributes of *Artemia nauplii*. There was no vote on this item and the committee agreed discussion of the policy will continue in June. Dr. Heist said he will present an *Artemia nauplii* SoP for committee consideration.

### ***Hoop Barn Inspection***

Dr. Jones announced the Farm Center had completed the waterer installation at the hoop barn. She said a group including herself will inspect it next week and invited the committee to attend. Dr. Jimenez-Ruiz volunteered to be a part of the inspection.

### ***Replacement IACUC Members***

Dr. Jones announced she is taking a new position at the University and because of time commitments is stepping down as chair of the committee. She also added there are several other positions on the committee which need to be filled and if anyone has suggestions for candidates to forward those on to Sarah.

The meeting was adjourned at 4:03 pm.