

# **MICHIGAN STATE UNIVERSITY**

## **MICHIGAN STATE UNIVERSITY INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE January 13, 2022**

The 626<sup>th</sup> meeting was called to order by the chair via teleconference, on Thursday, January 13, 2022 at 9:02 a.m.

**PRESENT:** Chair; Interim AV; 7; 8; 13; 19; 33; 40; 41; 43; 44; 46; 47; 48; 50; 41; 52; 53; 54

**ALTERNATES:** 35; E1

**ABSENT:** 9

**ALSO PRESENT:** S3; S4; S1

A quorum was present and acting, and due notice had been delivered.



### **Animal Care Program**

**Institutional Animal  
Care and Use  
Committee  
Michigan State  
University**

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#### **Agenda Item 1:**

##### **Approval of the minutes:**

- a. Barring any objections, the minutes from the December 9, 2021 meeting were accepted as written.

#### **Agenda Item 2:**

##### **Monthly Activity Reports:**

- a. Full Committee Review of Protocols / New
  - PROTO202000230 – The goal of this research program is to understand why malaria infections vary in their course and severity. There were questions regarding experiments/procedures, animal justification, and alternatives and duplication. There being no further discussion, a motion was made to send to designated member review. The motion carried unanimously.
  - PROTO202100332 – This study will use of specifically selected SimAngus beef sires in a crossbreeding strategy with Holstein cows to produce crossbred dairy beef cattle that will be compared with Holstein and native beef steers for feedlot performance, carcass quality, carcass yield, eating acceptability, and financial value. There were questions regarding basic information, scientific aims, experiments/procedures, and adverse consequences. A committee member will contact the PI to offer guidance on protocol development.

There being no further discussion, a motion was made to send to designated member review. The motion carried unanimously.

- b. Full Committee Review of Amendments – None

### Agenda Item 3:

#### Program Review

- a. Semiannual Report to the IO - The committee was sent the semiannual report for review prior to the meeting. The report was reviewed and discussed by the committee. Any corrections / additions / minority opinions are to be submitted to the IACUC administrator. A final draft will be presented in February for committee approval.
- b. Disaster / Contingency Plans – the Research Coordinator for South Campus Animal Farms and the Animal Handler Safety Officer provided an update on their respective emergency contingency plans.
- c. Guideline Review
  - IG044 Use of Biological Materials in Rodents - The guideline was provided to the committee prior to the meeting for review. The guideline was unanimously approved and will be posted to the program website.
- d. A discussion of xenotransplantation ethics – committee discussed the following articles which were provided prior to the meeting for review.
  - "In a First, Man Receives a Heart From a Genetically Altered Pig" *The New York Times*, 10 January 2022,  
<https://www.nytimes.com/2022/01/10/health/heart-transplant-pig-bennett.html>
  - "Three ethical issues around pig heart transplants" *BBC News*, 11 January 2022,  
<https://www.bbc.com/news/world-59951264>

### Agenda Item 4:

#### Training

- a. Click Topics – progress continues on the upgrade to the newest version of the click program.
- b. Lab Animal Article – the column for discussion was provided to the committee and discussion leaders assigned prior to the meeting.
  - "Discretionary consent" *Lab Animal*, Volume 51, No. 1

### Agenda Item 5:

#### Post Approval Monitoring Report

- a. December Laboratory Inspection Report – Laboratory inspections and post-approval monitoring for the month of December were performed.

**Agenda Item 6: Environmental Health and Safety Report – Nothing to report**

**Agenda Item 7: Attending Veterinarian Report**

- a. Concerns with laboratory – Campus Animal Resources is working with a lab on campus to ensure guidelines and protocols are being followed. Additional training by the CAR training coordinator was provided and the PI provided a written plan of action as requested.
- b. Request for Extended Cage / Water Bottle Changes in case of Staff Shortages – the committee discussed and supported a proposal to lengthen the frequency of cage and water bottle change intervals as needed in response to personnel shortages.

**Agenda Item 8: Compliance Update – Nothing to report**

**Agenda Item 9: New Business – None**

**Agenda Item 10: Old Business**

- a. AV Search – the search is ongoing.

**Agenda Item 11: Other (Informational items) – None**

**Agenda Item 12: The next scheduled meeting will be February 10, 2022**

**THIS MEETING WILL BE HELD VIA TELECONFERENCE**

There being no further business to discuss, the meeting was adjourned at 10:58.