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## Institutional Biosafety Committee

### Minutes

July 8, 2025

Zoom Meeting

Start time: 3:00pm

End time: 3:32pm

- Members Present:  
Katherine Chadwell, IBC Chair DNP, APRN, GNP-BC, GCNS, CPHQ, College of Nursing  
Nicole Compo, DVM, DVSc, Attending Veterinarian  
Frank Novembre, Ph.D., Biological Safety Officer, EH&S  
Susan Laramore Ph.D., Associate Research Professor, HBOI  
Patricia Lord, Pharm.D, Non-Affiliated Community Member  
Alex Mavrelis, B.S., Non-Affiliated, Community Member  
Andrew Oleinikov, Ph.D., Professor of Biomedical Science, College of Medicine  
Qi Zhang, Ph.D., Associate Professor of Chemistry and Biochemistry, College of Science
- Others Present:  
Elisa Gaucher, M.B.A., Assistant Vice President for Research Integrity  
Kristen Ware, Ph.D., Associate Director, Animal Research Protections Program  
Andrew Donovan, B.A., IBC Coordinator

## 1 Welcome

- Notice of Recording
- Confidentiality Disclosure
- Conflict of Interest Disclosure
  - One Committee member will recuse himself from review for his own registration renewal
- Review of Meeting Minutes from June 10, 2025
- **Motion: To approve minutes**  
**Motion Seconded and Unanimously Approved**

## 2 Expedited Reviews

- **B25-12** – Kang, Yunqing: *Develop Manganese-containing Porous Scaffolds With Vasculature-like Channels for Potential Applications in Craniofacial Bone Regrowth*
- **B24-21.02** – Lasmezas, Corinne: *Transgenic Animal Use*
- **B24-19.01** – Lu, Michael: *PAK6 in Ciliogenesis*

### 3 Administrative Amendments

### 4 Committee Reviews

- **B25-19.01** – Quan, Ning: *Quan Lab*

- This project was reviewed at last month's meeting. The requested revisions have been made and new viral vectors have been added, necessitating re-review.
- The added AAV and adenoviral vectors are similar to existing approved materials and the handling is the same.
- The safety precautions are appropriate for handling the materials at BSL-2.
- The automated injection system should be described as it significantly mitigates biosafety risk.
- The PI will also be using TTX, which will need to be added by a further amendment. This may or may not require committee review as TTX can qualify as a Select Agent, depending on the amount in use.
- This information can be emailed to the committee if full review is not required.

- **Motion: To approve pending modifications**  
**Motion Seconded and Unanimously Approved**

- **B25-21** – Duboue, Erik: *Determining the Neuronal and Evolutionary Forces Driving Behavior*

- This is a 3-year renewal for an existing registration.
- The lab works with transgenic zebra fish and cave fish, using behavioral analysis and neural imaging.
- More specific biosafety information should be included.
- The registration indicates generation of mixed waste, physical hazards, and other hazards. This should be described in more detail.
- More information should be included about carcass disposal.

- **Motion: To approve pending modifications which can be sent to the committee by email**  
**Motion Seconded and Unanimously Approved**

- **B25-20** – Zhang, Qi: *APP Modulates Presynaptic Membrane Cholesterol and Integrity*
  - This is a 3-year renewal for an existing registration.
  - This project involves the use of transgenic mice and neural material from transgenic mice.
  - The project descriptions have scientific detail but lack some biosafety specifics.
  - More information should be included regarding the disposal of carcasses and animal materials.
  - The safety procedures as described are appropriate for BSL-2
- **Motion: To approve pending modifications which can be sent to the committee by email**  
**Motion Seconded and Unanimously Approved**

## 5 Other Business