

Institutional Biosafety Committee  
University of Arizona  
December 17, 2025  
Zoom  
10:00AM – 11:00AM  
Meeting Minutes

**Members Present:** Dr. Michael Riehle, Dr. David Besselsen, Ceasar Ramirez, Dr. Judith Brown, Patricia Gundy, Dr. Mrinalini Kala, Dr. Anita Koshy, Hien Trinh

Non-members' Present: Marcy Milbrandt

**Members Absent:** Dr. Kathryn O'Connell, Rhonda Evans, Dr. Michael Riggs, Lauren Melcher, Dr. Jonathan Sexton, Dr. Lynn Stone, Jennifer Uhrlaub

The meeting was called to order at 10:02 AM

1. Review of the previous meeting minutes: November 19, 2025
2. Biosafety Level 2 (Non-rNucleic Acid) Applications
  - a. Gregory Thatcher, PhD, Pharmacology and Toxicology, Approval No. 12501  
Protocol Title: Invitro screening of the new synthesized compounds for the therapeutic applications  
Agents: Cell lines (human), Cell lines (mouse)

The Committee approved this protocol with one additional question:

- Can you please provide more information on what specific PPE will be used?

3. Biosafety Level 2 (Non-Exempt-rNucleic Acid) Application
  - a. Rajat Madan, MD, PhD, Medicine, Approval No. 12500  
Protocol Title: Role of metainflammation and neutrophil heterogeneity in regulating bacterial infection severity.  
Agents: Clostridioides difficile, Escherichia coli, Enterococcus faecalis, Human derived materials (blood, stool), Cell Lines (mouse- CMT 93, Caco2, HL60), Tissue (mouse- Intestinal enteroids and organoids), Akkermansia muciniphila, Candida albicans, Candida auris

This protocol falls under NIH Guideline III-D-4

The Committee approved this protocol.

- b. Miao Zhang, PhD, CoM-PHX, Approval No. 12502  
Protocol Title: Regulation of ion channels and transporters by pharmacological agents  
Agents: Cell lines (human- HEK293), Baculovirus, E. Coli (DH5-alpha and XL-Blue)

This protocol falls under NIH Guideline III-D-2

The Committee approved this protocol but wanted a clarification on how the lab will perform surface decontamination (the usual procedure is 10% bleach for 15 minutes, then either use warm water with sponge or 70% ethanol wipes to remove residue)?

- c. Ee Phie Tan, PhD, Pharmacology and Toxicology, Approval No. 12503  
Protocol Title: Role of selective Autophagy in aging and neurodegeneration: a small molecule approach  
Agents: Cell line (human- HEK293T), Cell line (murine- BV2), Cell line (mouse- HT22), lentivirus

This protocol falls under NIH Guideline III-D-A

The Committee approved this protocol but wanted an edit within the surface decontamination area of using ethanol wipes rather than spraying 70% ethanol liberally.

4. Advisements

- a. Lawrence Mandarino, Medicine, Approval No. 12313  
Protocol Title: Molecular Regulation of Glucose Metabolism and Insulin Action  
Agents: Sendai Virus

5. Compliance Review Issues

- a. The audit report for November to December 2025.  
b. Incident(s): None.

6. Old Business

- a. Dr. Abdel's response to tabled protocol- IBC approved response  
b. Dr. Harris's response to tabled protocol- IBC approved response  
c. Dr. Stern's response to provisionally approved protocol- IBC approved response  
d. Dr. Scoville's response to editing protocol- IBC approved response

7. New Business

- a. IBC membership- Ceasar
- BSO updated the Committee on exiting members and remaining members. Ceasar will update roster once it is finalized.

The next meeting is scheduled for January 21, 2026 via Zoom.

The meeting was adjourned at 10:36AM.

Prepared by: Ceasar Ramirez

Reviewed by:

A handwritten signature in blue ink, appearing to read "Michael Riehle". The signature is fluid and cursive, with the first name "Michael" and last name "Riehle" clearly distinguishable.

Michael Riehle, PhD  
Chair, Institutional Biosafety Committee