

Institutional Biosafety Committee Meeting

6/18/2026

1:30-2:30 pm

Zoom Virtual Meeting

Institutional Biosafety Committee Meeting minutes

Meeting Attendance:

- Members in attendance:
 - Elena Demireva
 - Jonathan Hardy
 - Sarah Roosa
 - Jamie Willard-Smith
 - Carolina de Aguiar Ferreira
 - Guo-Qing Song
 - Dave Morgan
 - Carrie Anglewicz
- Members not in attendance:
 - Michael Bachmann
 - Jan Patterson Samson
 - Andras Komaromy
 - Raj Kulkarni
- Others in attendance:
 - Alessandra Hunt
 - Luis Ochoa Carrera
 - Bailee Webster

Call to order:

- Elena Demireva

Roll call:

- Bailee Webster

Discussion of the agenda:

- Approved

Discussion of minutes:

- Approved

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Registration review:

Study Info

Safety0001477: [REDACTED]

Mouse models for fertility defects and genetic diseases

Training: Complete for all members listed

NIH III-D-4-c-2, RG-2, BSL-2

This registration has been approved with edits. The PI has been asked to clarify the following

- Basic Info:
 - Is gRNA delivered for the PVC system? If gRNA is used, remove statement that no nucleic acids would be delivered with this system.
- Biosafety summary:
 - 2: Proofread this section
- Cells:
 - Update RPMI-2650 and all human cell lines to BSL-2.
- Viruses:
 - psPAX2 and pMD2.G are 2nd gen packaging vectors. If stating lenti is 3rd gen – please update the packaging vectors
- rDNA Usage:
 - 3b: Are all CRISPR knockin inserts included here?
 - 4e, 8, 9: Add information for lenti vectors
- rDNA Work Description
 - 2: List all recipient cell lines or refer to table
 - 4: Yes, for VSV pseudotyping
 - 5: Yes
 - 6: Provide genus, species, and strain of pathogen - psPAX2 and pMD2.G are 2nd gen packaging vectors
- Exposure Assessment
 - 1: Discuss consequence of lenti exposure. Potential BBP exposure with human cell lines
- Supporting documents
 - Add safety sharps documents if using any of the listed sharps with human or infectious materials

Study Info

Safety0001485: [REDACTED]

[REDACTED]-Raven

Training: Complete for all members listed

NIH III-D-6, RG-1, BSL-1

This registration has been approved with edits. The PI has been asked to clarify the following

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- Biosafety summary:
 - 2: Typo in first line “will growth”

Study Info

Safety0001487: [REDACTED]

Pathogens on wheat grain

Training: Complete for all members listed

NIH III-D-1-a, RG-2, BSL-2

This registration has been approved with edits. The PI has been asked to clarify the following

- rDNA Usage:
 - 3b: List source for Tn5 and mCherry inserts.
- rDNA Work Description
 - 6: List all pathogenic strains used for both bacteria.
- Waste Management
 - 1: Add chemical for liquid waste if used for that purpose

Study Info

Safety0001490: [REDACTED]

Tau research

Training: Complete for all members listed

NIH III-D-1, RG-2, BSL-2

This registration has been approved with edits. The PI has been asked to clarify the following

- Viruses: The IBC recommends switching to using 3rd generation lenti vectors for improved biosafety.
- rDNA Usage:
 - 4b: Add Lenti, packaging plasmids
 - 5a. Remove neurons
- rDNA Work Description
 - 6: Genus, species of virus
- Risk Group and Containment practices:
 - Define what BSL2+ practices will be beyond standard BSL2 procedures, attach as supporting document
- Exposure Assessment
 - 1: Discuss potential for exposure to replication competent virus and insertional mutagenesis with lenti vectors

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Study Info

Safety0001494: [REDACTED]
Photosynthetic regulation from plastoglobules
Training: Complete for all members listed
NIH III-E-2, RG-1, BSL-1

This registration has been approved as is.

New Items:

- Letters of support for Jamie email burtkris@msu.edu
- BIO Safety Manual updates

Previous Submissions:

- Safety0001211 [REDACTED]

Next Meeting:

- July 23, 2026, 3:00pm (Possibly hybrid)