

SNL Institutional Biosafety Committee (IBC) Meeting Minutes

Date: December 2, 2025

Call to Order: 1:02 PM (PST) | 2:02 PM (MST)

Location: MS Teams

1. Attendance

- IBC Chair – Present
- Corporate Biosafety Officer – Present
- NM Site Biosafety Officer – Present
- Committee Members – Present / Absent noted

Quorum confirmed.

2. Business

- Committee reviewed the 2024 SNL 10 CFR 851 Annual Biosafety Report.

3. Review of Previous Minutes

- Minutes from October 13, 2025 approved
- Motion: Approve
- Vote Count: Yes: 7 | No: 0 | Abstain: 1

4. Protocol Reviews

4.1 Protocol – Algal Biotechnology Project

- Action: Renewal
- Containment: BSL-2
- NIH Guidelines: III-E
- Summary: Committee reviewed project continuation involving algal systems.
- Contingencies / Modifications:
 - Clarification of decontamination procedures
 - Documentation of waste handling and disposal practices
 - Confirmation of applicable environmental permits
 - Review of personal protective equipment for large-volume operations
- Motion: Approve
- Vote Count: Yes: 7 | No: 0 | Abstain: 0

4.2 Protocol – Microbes and Materials Compatibility

- Action: New
- Containment: BSL-2
- NIH Guidelines: N/A
- Summary: Project involves assessment of materials exposed to environmental microorganisms.
- Contingencies / Modifications:

- Clarify sample origin and contamination assumptions
- Administrative form completion
- Motion: Approve
- Vote Count: Yes: 8 | No: 0 | Abstain: 0

4.3 Protocol – Experimental and Modeling-Informed Data Analytics

- Action: Renewal
- Containment: BSL-2
- NIH Guidelines: III-D-3
- Summary: Continuation of data-driven biological analysis platform.
- Contingencies / Modifications:
 - Completion of vector and expression information in protocol documentation
- Motion: Approve
- Vote Count: Yes: 8 | No: 0 | Abstain: 0

4.4 Protocol – Optical Imaging of Proteins and Particle Dynamics

- Action: Renewal
- Containment: BSL-2
- NIH Guidelines: N/A
- Summary: Imaging-based biological research activities.
- Contingencies / Modifications:
 - Update funding period information
 - Remove inactive funding sources
 - Remove organisms not used in the prior year or funded for the upcoming year
- Motion: Approve
- Vote Count: Yes: 8 | No: 0 | Abstain: 0

4.5 Protocol – Applied Industrial Systems Biology

- Action: New
- Containment: TBD
- NIH Guidelines: N/A
- Summary: Proposal lacked sufficient information on microorganisms to be used.
- Committee Determination:
 - Protocol tabled pending organism identification and sequencing
 - Future submission required once scope is defined
- Motion: Table

4.6 Protocol – Biocompatibility and Antimicrobial Materials Testing

- Action: Renewal
- Containment: BSL-2
- NIH Guidelines: N/A
- Summary: Continuation of antimicrobial materials testing.
- Contingencies / Modifications:
 - Risk group clarification
 - Administrative corrections to protocol personnel and documentation

- Motion: Approve
- Vote Count: Yes: 8 | No: 0 | Abstain: 0

4.7 Protocol – Rapid Detection of Toxins

- Action: New
- Containment: BSL-2
- NIH Guidelines: N/A
- Summary: Committee reviewed proposed analytical methods involving regulated biomaterials.
- Contingencies / Modifications:
 - Development of hygiene and inventory control plans
 - Coordination with Biosafety Officer prior to acquisition
 - Removal of materials outside IBC scope
- Motion: Approve
- Vote Count: Yes: 8 | No: 0 | Abstain: 0

4.8 Protocol – Strategic Enhancement of Biologic Countermeasures

- Action: Addendum
- Containment: BSL-2
- NIH Guidelines: III-D, III-E
- Summary: Addendum reviewed; no changes required.
- Motion: Approve
- Vote Count: Yes: 8 | No: 0 | Abstain: 0

4.9 Protocol – Engineered Affinity Labels

- Action: Renewal
- Containment: BSL-2
- NIH Guidelines: N/A
- Summary: Continuation of biosensor-related work.
- Contingencies / Modifications:
 - Clarify classification of biological components
 - Update equipment and room information
- Motion: Approve
- Vote Count: Yes: 8 | No: 0 | Abstain: 0

4.10 Protocol – Secure Biosystems Design

- Action: Renewal
- Containment: BSL-2
- NIH Guidelines: III-D, III-E
- Summary: Ongoing work on intrinsic biological control systems.
- Contingencies / Modifications:
 - Evaluation of recombinant DNA classification
- Motion: Approve
- Vote Count: Yes: 7 | No: 0 | Abstain: 1

4.11 Protocol – MS2-AI

- Action: New
- Containment: BSL-2
- NIH Guidelines: III-E
- Summary: Committee reviewed new protocol integrating biological and analytical approaches.
- Contingencies / Modifications:
 - Clarify recombinant DNA classification
 - Confirm organism risk group
- Motion: Approve
- Vote Count: Yes: 7 | No: 0 | Abstain: 0

4.12 Protocol – Nanobody Production

- Action: Renewal
- Containment: BSL-2
- NIH Guidelines: III-D
- Summary: Continuation of nanobody production activities.
- Motion: Approve
- Vote Count: Yes: 6 | No: 0 | Abstain: 1

5. Adjournment

- Meeting adjourned: 3:08 PM (PST) | 4:08 PM (MST)
- Next IBC Meeting: February 3, 2026