

Institutional Biosafety Committee

Mar-06-2026, via Zoom

Attendance

Members In Attendance

Member	Voting	Staff	Scientific	Affiliated
Cayabyab, Mark Ph.D.	Yes	Yes	Yes	Yes
Hillsley, Keisha M B.S.	Yes	No	No	No
Krueger, Robin Lynn Ph.D., M.P.H.	Yes	Yes	Yes	Yes
Murphy, Robert	Yes	No	No	No
Roldan, Janice M.B.A.	No	Yes	No	Yes
Smith, Robert PhD	Yes	Yes	Yes	Yes
Tartar, Aurelien Ph.D.	Yes	Yes	Yes	Yes
Welmaker, Beth M.S.	Yes	Yes	Yes	Yes

Review of Meeting Minutes

- Meeting minutes approved (7 aye)

Annual Renewal Submissions

1. 2024-03-RS-02

Titled: Investigating expression of beta-lactamases and metabolism on antibiotic resistance

Discussion:

- RS recused.

Outcome: Approved

Votes for Outcome: 6

Votes Against Outcome: 0

Abstentions: 0

2. 2024-03-RS-3

Titled: Understanding the role of bacterial metabolism and growth rate in antibiotic resistance.

Discussion:

- RS recused

Outcome: Approved

Votes for Outcome: 6

Votes Against Outcome: 0

Abstentions: 0

New Protocol Submissions

1. 2023-06-MC-02 (IBC 3 Year Renewal)

Titled: Development of therapeutics against SARS-CoV-2 and HIV-1

Discussion:

- SOP title page date needs updating
- SOP Section 8 suggests orange biohazard bags and autoclaving on waste. Our bags are red and are disposed of on the 4th floor without autoclaving. Please update this section to reflect the current CCR process for biohazardous waste disposal.

MC recused

Outcome: Approved Pending Modification(s)

Votes for Outcome: 6

Votes Against Outcome: 0

Abstentions: 0

2. 2023-04-MS-01 (IBC 3 Year Renewal)

Titled: Health Effects of the Fluoride and Fluorinated Pollutants (PFAS) on tooth development

Discussion:

- MC recused.

Outcome: Approved

Votes for Outcome: 6

Votes Against Outcome: 0

Abstentions: 0

3. 2026-Salinas-01 (IBC New Submission)

Titled: Antimicrobial-Resistance–Enriched Oral Bacteria Program Early Atherosclerotic Plaque Vulnerability Under Disturbed Flow

Discussion:

- Lab room numbers missing
- BSC dates are not accurate
- BSL2 lab must be inspected.
- Research Details - add information about the exact mammalian cell lines that will be used and their origin.
- Infectious microorganisms - add details and product information from the ATCC. Need strain ID for Porphyromonas.
- Infectious microorganisms - Is the mixed oral strains already pre-made by the ATCC and ordered as such, or is the plan to order multiple strains from the ATCC and mix them in-house? More details are needed.
- Dr. Salinas and Dr. Holger have not completed any of the [Employees Safety Module for Lab Users](#) <https://nsu.instructure.com/courses/2555784> Note: EHS has enrolled him in the training
- SOP is unclear about what agents will be handled and this makes it difficult for lab users to follow the safety procedures.
- SOP is unclear what Risk Group 2 agents will be handled.
- SOP needs details on cell lines, and bacteria. Only offered an example.
- SOP - Update reference to BMBL, 6th Edition
- SOP is unclear where the bacteria will be propagated and handled, with reference to NSU College of Pharmacy?
- SOP - Vague: Autoclave (if used by the facility): follow site-specific autoclave SOP and logs for treatment of biohazard bags and reusable items. Is vague; a lab users cannot follow these instructions.

Outcome: Approved Pending Modification(s)

Votes for Outcome: 7

Votes Against Outcome: 0

Abstentions: 0

4. 2026-JG-04 (IBC New Submission)

Titled: Evaluation of proprietary formulations to determine their potential antimicrobial effects against Methicillin-Resistant Staphylococcus aureus (MRSA)

Discussion:

- Provide more public health background on MRSA and the significance of developing new drug.
- Is there any safety info on the antiMRSA microbial agents? Need to access the safety of them.
- What strain of MRSA will be used? Provide spec sheet from ATCC. Provide genetic or biochemical authentication of the MRSA agent.
- BSC date is incorrect. Change to 02/2025.
- SOP - Liquid waste is autoclaved or disinfected with 10% bleach prior to disposal. – Change this to disinfected with 10% bleach prior to disposal. Edit to include fresh before 10% bleach throughout the SOP.
- SOP - SOP mentions autoclaving waste – this is highly suitable. Confirm no red liners are placed in autoclave as they will melt.
- Confirm inventory of MRSA correct in CampusOptics.
- Door Sign – CampusOptics door sign did not have biohazard warning, a new sign was generated for 617 and needs to be printed and posted.
- Not locating current BSL-2 training in Canvas. Please take Employees Safety Module for Lab Users.

Outcome: Approved Pending Modification(s)

Votes for Outcome: 7

Votes Against Outcome: 0

Abstentions: 0

Protocol Closures

1. 2023-03-MC-01

Titled: Development of an effective HIV vaccine

2. 2023-01-NG-01

Titled: Delivery of human-induced mesenchymal stem cells and exosomes

Other Business

- Next meeting May 29