University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date:	10/7/2026
Present:	Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Warren Rose, Amita Kapoor, Andy Attwood, Ryan Stoffel, Marta Gaglia, Garret Suen, Ryan Behrens, Sabine Pellett, Steve Garvis
Consultants:	Lissa Koop, Darren Berger, Aaron Mccoy, Christina Pier, Heather Mc Fadden, Carrie Ensrud
OBS:	TJ Whyte, Aaron Mccoy, Karen Demick, Christina Pier, Andrea Ladd, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Donald Busalacchi, Carrie Ensrud, Matthew Dutcher, Kathy Krasny
Guests:	Alana Sterkel, Hannah Gander WSLH Jasmine Childress, Childress Lab Sarah Johnson, CALS Lyndon Tuffuo, VA Matt Roth, EH&S
Call to order:	The meeting was called to order by Garret Suen, at Zoom at 1:31 pm
Announcements:	The IBC meeting is open to the public.
Review of Minutes:	A motion to approve the open session minutes of the following IBC meetings was Unanimously adopted. Institutional Biosafety Committee meeting on (9/2/2026) Abstain: Peter Halfmann Absent: Warren Rose, Yevgenya Grinblat, Dennis Halterman
Approval of Registered Protocols:	A motion to approve registered protocols was Unanimously adopted Absent: Warren Rose, Yevgenya Grinblat, Dennis Halterman

Other business - open session

- **Agenda Items - Documents For Open Session:**
- **List of Registered Protocols_080526-090226_AM.xlsx**
- **List of Registered Protocols_080526-090226_GP.xlsx**
- **UW response to draft NIH Biosafety Policy_DRAFT for IBC.docx**
- **UW response to draft NIH IBC minutes template_DRAFT for IBC.docx**
- **UW response to draft NIH incident reporting template_DRAFT for IBC.docx**

- **Executive Summary_UW response to draft NIH Biosafety Policy_Oct 2026.docx**

Review of research protocols - open session

- **B00001251**
- **B00001288**
- **B00001291**
- **B00001294**
- **B00001298**
- **B00001299**

Review of research amendments - open session

- **B00000152-AM010**
- **B00000246-AM011**
- **B00000319-AM033**
- **B00000356-AM021**
- **B00000442-AM018**
- **B00000446-AM019**
- **B00000553-AM007**
- **B00000687-AM003**
- **B00000688-AM005**
- **B00000749-AM018**
- **B00000762-AM010**
- **B00000764-AM010**
- **B00000808-AM011**
- **B00000893-AM003**
- **B00001004-AM003**
- **B00001077-AM003**
- **B00001208-AM001**
- **B00001242-AM003**
- **B00001247-AM003**
- **B00001252-AM001**

Announcements

null

The meeting adjourned 3:42 pm

- **Bio Protocol Number: B00001251**
  PI Name: Alana Sterkel
  Protocol Title: Infectious Disease Diagnostic, Surveillance, and Reference Testing in a Public Health Laboratory
  Motion: IBC approved with contingencies
  Motion Made By: Amita Kapoor
  Motion Seconded By: Sabine Pellett
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL2;
  Containment Equipment: Not applicable; Not applicable; Not applicable; Other - Dead Air Box; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Other - Dead Air Box; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
  NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
  Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
  NIH Guidelines: (III-F-1); (III-F-4) (III-F-5);
  Summary of IBC Review: PI Status is approved. This is a new protocol from the Wisconsin State Lab of Hygiene (WSLH), Communicable Disease Division (CDD) for their BSL2 work. The IBC discussed procedures outside containment, prion disinfection, hazard communication, updates to Research Description and modified expedited risk assessment procedures in collaboration with OBS when emergent public health situations may require immediate diagnostic response.

- **Bio Protocol Number: B00001288**
  PI Name: Jasmine Childress
  Protocol Title: Childress Lab Biosafety Protocol
  Motion: IBC approved protocol

Motion Made By: Yevgenya Grinblat
Motion Seconded By: Dennis Halterman
Committee Action: Adopted unanimously by hand vote
Nay Votes, Abstentions, Absentees:
Biosafety Level: Not applicable (non-laboratory area); BSL2; BSL2;
Containment Equipment: Not applicable; Biological safety cabinet (BSC); Other - Downdraft necropsy table;
Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
Administrative: null
NIH Guidelines:
Summary of IBC Review: This is a new protocol proposing the study of parasitic nematodes in wild populations of foxes and birds. The IBC determined that biosafety is adequately addressed.

- **Bio Protocol Number: B00001291**
  PI Name: John Lucey
  Protocol Title: Large Scale Propagation for the Conversion of Dairy Co-Products
  Motion: IBC approved with contingencies
  Motion Made By: Dennis Halterman
  Motion Seconded By: Sabine Pellett
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL1; BSL2 - The autoclave is a shared piece of equipment.;
  Containment Equipment: Not applicable; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-D-6); (III-F-8);
Summary of IBC Review: This is a new protocol for the Center for Dairy Research, proposing to use a 500L bioreactor to increase BSL-1 microbial processes converting dairy co-products into value-added materials, this also includes work with recombinant E. coli. The IBC discussed PPE used, containment, spill protocols, transport procedures and regular validation testing for the bioreactor failsafe process.

- **Bio Protocol Number: B00001294**
  PI Name: [redacted]
  Protocol Title: Translational Investigations of Sarcoma to Develop Novel Therapeutics
  Motion: IBC approved with contingencies
  Motion Made By: Yevgenya Grinblat
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: ABSL1, ABSL2; ABSL2, BSL2; BSL2; ABSL2; BSL2; ABSL2, BSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2, BSL2; BSL2; BSL2; ABSL2, BSL2; BSL2; ABSL2, BSL2; BSL2; BSL2;
  Containment Equipment: Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Chemical fume hood; Not applicable; Not applicable; Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC); Chemical fume hood; Not applicable; Biological safety cabinet (BSC);
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
  NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
  Administrative: Administrative revisions are required for approval (e.g., reorganizing information,

removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-D-4-b); (III-D-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-3); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);
Summary of IBC Review: This is a new protocol for a laboratory proposing to study how human sarcomas form. The IBC discussed clarification of room numbers, BSC location, BBP Plan details, spill protocols and flow cytometry containment.

- **Bio Protocol Number: B00001298**
  PI Name: Dominic Siler
  Protocol Title: Brain Injury Research
  Motion: IBC approved with contingencies
  Motion Made By: Andrea Ladd
  Motion Seconded By: Peter Halfmann
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Yevgenya Grinblat, Dennis Halterman
  Biosafety Level: BSL2; BSL2; BSL2; Not applicable (non-laboratory area); BSL2;
  Containment Equipment: Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Chemical fume hood;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
  NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
  Administrative: null
  NIH Guidelines: (III-F-1);
  Summary of IBC Review: This is a new protocol proposing to use a porcine model to study processes causing damage to brain cells which affect normal brain function. The IBC discussed the proposed changes and had no additional concerns once the contingencies regarding transport procedures and disinfectant contact time are addressed.

- **Bio Protocol Number: B00001299**
  PI Name: Nathaniel Jenkins
  Protocol Title: Jenkins' Vascular Stress Physiology and Resilience (VSPR) Lab Biosafety Protocol
  Motion: IBC approved with contingencies
  Motion Made By: Dennis Halterman
  Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote
Nay Votes, Abstentions, Absentees:
Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2;
Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable;
Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and/or laboratory staff must complete required institutional biosafety training. Final approval will be withheld until required biosafety training is complete.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines:
Summary of IBC Review: This is a new protocol for the Vascular Stress Physiology and Resilience (VSPR) Lab proposing the collection and processing of human specimens to study vascular and metabolic pathways associated with childhood adversity/psychosocial stress. The IBC discussed disinfection procedures, spill/release protocols, updates to locations and emergency response protocols.

- **Bio Protocol Number: B00000152-AM010**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 010 for Mechanisms of beta cell proliferation and apoptosis
  Motion: IBC approved protocol
  Motion Made By: Yevgenya Grinblat
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL1; BSL1; BSL2; BSL2; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL2; BSL2; ABSL2; BSL2; BSL2;
  Containment Equipment: Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Chemical fume hood;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed

products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: null
NIH Guidelines: (III-D-4-b); (III-D-1-a) (III-D-1-b); (III-E-3); (III-E-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-8);
Summary of IBC Review: This lab studies pancreatic beta cells in the context of diabetes, using the mouse model and isolated cells, both mouse and human. The amendment adds LPS administration to mice and to mouse cells in culture. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000246-AM011**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 011 for Treatment of Acute Myocardial Infarction
  Motion: IBC approved with contingencies
  Motion Made By: Steve Garvis
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: ABSL2; ABSL2; BSL2; ABSL1, ABSL2; ABSL2; ABSL2; ABSL2;
  Containment Equipment: Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Chemical fume hood; Ventilated HEPA-filtered housing or rack system; Chemical fume hood;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
  NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH

Guidelines.
Administrative: null
NIH Guidelines: (III-D-4-b); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-4-a)(III-D-4-b); (III-F-8); (III-F-8);
Summary of IBC Review: This lab studies mesenchymal stromal cells to investigate whether specific techniques improve outcomes after myocardial infarctions. This amendment proposes updates to procedures for disinfection/inactivation and spill protocols. The IBC discussed the proposed changes and had no additional concerns once the contingencies regarding spill procedures, disinfection method and disinfectant contact time are addressed.

- **Bio Protocol Number: B00000319-AM033**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 033 for Chemical and Morphological Development in Fungi
  Motion: IBC approved protocol
  Motion Made By: Dennis Halterman
  Motion Seconded By: Steve Garvis
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL1; BSL2; BSL2; BSL2, BSL2-P; BSL2; BSL2; ABSL2, BSL2; BSL2; BSL1; BSL1; BSL1;
  Containment Equipment: Not applicable; Biological safety cabinet (BSC); Chemical fume hood - Clean Air Device (CAD); Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Chemical fume hood; Not applicable; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
  Administrative: null
  NIH Guidelines: (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-E-2-b-3); (III-E-2-b-4)(III-E-2-b-5); (III-E); (III-E-3); (III-E); (III-F-8); (III-F-8);
  Summary of IBC Review: This lab studies the production of detrimental and beneficial compounds by fungi. The amendment proposes to add work with Cryptoccoccus neoformans and C. deneoformans. The biosafety is adequately addressed.

- **Bio Protocol Number: B00000356-AM021**
  PI Name: Jean-Michel Ané
  Protocol Title: Amendment/Renewal 021 for Characterization of plant and microbial molecular mechanisms required for symbiotic associations
  Motion: IBC approved protocol
  Motion Made By: Andrea Ladd
  Motion Seconded By: Peter Halfmann
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Yevgenya Grinblat, Dennis Halterman
  Biosafety Level: Other - BSL1-P; BSL2; BSL2; BSL2; BSL2; BSL2; BSL1-P; BSL1-P; BSL2; Not applicable (non-laboratory area); BSL2; BSL1-P; BSL1-P;
  Containment Equipment: Not applicable; Not applicable; Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
  Administrative: null
  NIH Guidelines: (III-D-2-a); (III-D-1-a) (III-D-1-b); (III-E-2-a); (III-E-2-b-3); (III-E); (III-E); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);
  Summary of IBC Review: This lab utilizes recombinant technologies to understand the molecular mechanisms influencing plant-microbe symbiosis. This amendment proposes the addition of multiple algae species. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000442-AM018**
  PI Name: Krishanu Saha
  Protocol Title: Amendment/Renewal 018 for Cell and Tissue Engineering with Stem Cells
  Motion: IBC approved with contingencies
  Motion Made By: Matt Reynolds
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL2; BSL2; BSL2; Not applicable (non-laboratory area); BSL2; BSL2; BSL2; BSL2; BSL2;

Containment Equipment: Not applicable; Other - Baker BioProtect; Biological safety cabinet (BSC); Not applicable; Other - Autoclave; Not applicable; Chemical fume hood; Biological safety cabinet (BSC); Not applicable;
Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-D-2-a); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E); (III-E-1); (III-E-1); (III-F-8); (III-F-1);
Summary of IBC Review: This lab studies the molecular basis of pluripotency. This amendment proposes to add 2 primate cell lines. The IBC discussed additional details needed for cell lines in use, clarification of transduced genes, and updates to guidelines for work with COVID-19 specimens.

- **Bio Protocol Number: B00000446-AM019**
  PI Name: Jim Gern
  Protocol Title: Amendment/Renewal 019 for Rhinovirus-Induced Immune Response and Asthma
  Motion: IBC approved with contingencies
  Motion Made By: Ryan Behrens
  Motion Seconded By: Matt Reynolds
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2;
  Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Not applicable; Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional

biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work deviates from the requirements set forth in the NIH Guidelines. Revisions are required for approval.
Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-D-2-a); (III-D-1-a) (III-D-1-b); (III-E); (III-E-1); (III-F-8);
Summary of IBC Review: This lab studies the determinants of severe asthma exacerbations, emphasizing rhinovirus infection as a driver of asthma-related complications. This amendment proposes to expand ongoing development of animal models and in vitro systems for studying rhinovirus C. The IBC discussed the proposed changes and had no additional concerns once the contingency regarding the NIH guidelines is addressed.

- **Bio Protocol Number: B00000553-AM007**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 007 for MAMMALIAN LACTATION PHYSIOLOGY
  Motion: IBC approved with contingencies
  Motion Made By: Sabine Pellett
  Motion Seconded By: Amita Kapoor
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL2; Not applicable (non-laboratory area); BSL2; Not applicable (non-laboratory area); Not applicable (non-laboratory area); BSL2; BSL1; ABSL1; BSL1; BSL1; Not applicable (non-laboratory area);
  Containment Equipment: Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Ventilated HEPA-filtered housing or rack system; Chemical fume hood; Not applicable; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
  NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
  Administrative: Administrative revisions are required for approval (e.g., reorganizing information,

removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-F-8); (III-F-8); (III-F-8);
Summary of IBC Review: This lab studies influence of serotonin and SSRIs on mammary cell regulation, bone density, milk production, and reproduction using animal models, including cattle. This amendment was previously reviewed at the 07/01/26 and 08/05/26 IBC meetings and proposes to add LPS administration to cattle outside of containment. The amendment includes updates for lyophilized LPS containment, spill protocols, additional training and manufacturer's SDS. The IBC discussed PPE, aerosol risks, containment procedures, and edits to the Research Description.

- **Bio Protocol Number: B00000687-AM003**
  PI Name: Sundaram Gunasekaran
  Protocol Title: Amendment/Renewal 003 for Electrochemical immunosensing
  Motion: IBC approved with contingencies
  Motion Made By: Steve Garvis
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees: Absent: Amita Kapoor
  Biosafety Level: BSL2; BSL2; Not applicable (non-laboratory area); BSL2;
  Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Not applicable; Chemical fume hood;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and/or laboratory staff must complete required institutional biosafety training. Final approval will be withheld until required biosafety training is complete.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
  Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
  NIH Guidelines:
  Summary of IBC Review: This lab uses nanoparticle biosensors to recognize bacterial toxins and mycotoxin in food as well as for detection of cancer cells. In this renewal, clarifications for existing projects are added. The IBC discussed clarification for research materials selection, some microbe details and emergency response information.

- **Bio Protocol Number: B00000688-AM005**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 005 for Control of transcription in cancer and neurological disorders

Motion: IBC approved with contingencies
Motion Made By: Ryan Behrens
Motion Seconded By: Matt Reynolds
Committee Action: Adopted unanimously by voice vote
Nay Votes, Abstentions, Absentees: Absent: Amita Kapoor
Biosafety Level: BSL2; BSL2; BSL2; BSL1; ABSL2; BSL1; BSL1; BSL2; ABSL1; BSL2; BSL2; BSL2; BSL2; BSL2;
Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Chemical fume hood, Other - bioBubble; Not applicable; Chemical fume hood; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable;
Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-D-2-a); (III-D-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E); (III-E-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);
Summary of IBC Review: This group studies gene regulation mechanisms in the context of memory formation, neurological disorders, and cancer. This amendment proposes the addition of flow cytometry core facilities and housekeeping/congruence changes. The IBC discussed the proposed changes and had no additional concerns once the contingencies regarding clarification of cell line details, disinfection method, l emergency door cards and emergency response information. are addressed.

- **Bio Protocol Number: B00000749-AM018**
  PI Name: Jason Peters
  Protocol Title: Amendment/Renewal 018 for Antibiotic-genetic studies of pathogenic bacteria
  Motion: IBC approved protocol
  Motion Made By: Steve Garvis
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL1; BSL2; BSL2;
Containment Equipment: Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC);
Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: null
NIH Guidelines: (III-D-2-a); (III-D-1-a) (III-D-1-b); (III-E); (III-E); (III-F-8); (III-F-1); (III-F-8); (III-F-4) (III-F-5);
Summary of IBC Review: This lab studies antibiotic susceptibility. The amendment covers the addition of new bacterial pathogens and antibiotic resistance traits to existing research projects. The IBC discussed III-A applicability and determined it does not apply, the IBC had no additional concerns.

- **Bio Protocol Number: B00000762-AM010**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 010 for Structural studies of host-pathogen relationships by cryo-EM, light microscopy, and molecular approaches
  Motion: IBC approved with contingencies
  Motion Made By: Amita Kapoor
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees: Abstain: Peter Halfmann, Ryan Behrens, Steve Garvis
  Biosafety Level: BSL2; Not applicable (non-laboratory area); BSL2; BSL1; BSL2; BSL2; BSL1; BSL2; Not applicable (non-laboratory area); BSL2; BSL2; BSL1; ABSL1, BSL1; BSL2; BSL2; ABSL1, BSL1; BSL2; BSL2; BSL2; BSL2; BSL2; BSL1; BSL2; BSL1; Not applicable (non-laboratory area); Not applicable (non-laboratory area); BSL2; BSL2;
  Containment Equipment: Biological safety cabinet (BSC); Not applicable; Other - Only small quantities of sample will enter this space, remaining unfixed sample will be moved back to B1106G; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Not

applicable;
Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-D-4-a) (III-D-4-b); (III-D-4) (III-D-4-a) (III-D-4-b); (III-D-2-a); (III-D-2-a); (III-D-1-a) (III-D-1-b); (III-E); (III-E); (III-E-1); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);
Summary of IBC Review: This lab uses cryo-electron microscopy to explore the three-dimensional structures of eukaryotic cells, bacteria, viruses, and macromolecular complexes to aid in the development of novel antimicrobials, therapeutics, and vaccines. This amendment proposes to add seeding of tissue culture cell lines, and purchased, labelled pre-formed Tau fibrils. The IBC discussed PPE usage, disinfection/inactivation methods, and congruence between biosafety protocol and procedural protocol documents.

- **Bio Protocol Number: B00000764-AM010**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 010 for Analysis of immunology, virology and pathogenesis of virus infections
  Motion: IBC approved with contingencies
  Motion Made By: Ryan Behrens
  Motion Seconded By: Matt Reynolds
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL2, Other - This is a BSL2+ Lab; BSL2; ABSL2; ABSL2; ABSL2 - ABSL2 with enhanced practices; BSL2; ABSL2; BSL2; BSL2; BSL2; ABSL2 - ABLS2- Biosafety level 3 practices in ABL2 area; ABSL2; ABSL2; ABSL2; BSL2; BSL2; BSL2; Not applicable (non-laboratory area); ABSL2; BSL2; BSL2; BSL2; ABSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; ABSL2 - ABSL2+ enhanced biosafety level 2 procedures to protect against exposure to highly infectious agents; ABSL2; Other - BSL2+; BSL2, Other - BSL2+;
  Containment Equipment: Biological safety cabinet (BSC), Other - Robots will do isolations of DNA/RNA from samples. System is a self-contained Maxwell; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable;

Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable;
Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-D-1-a) (III-D-1-b); (III-F-8);
Summary of IBC Review: This lab studies pathogenesis of infections during pregnancy and infancy to better identify characteristics of protective immune response. The protocol was reviewed at the August IBC meeting. The research team has changed the procedures in the manual and protocol for storage of select agent exempt Mpox samples. The IBC discussed clarification of microbe details, PPE procedures, spill/release protocol, precaution signage and room locations, as well as MERI disposal procedures, and specimen storage boxes.

- **Bio Protocol Number: B00000808-AM011**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 011 for Understanding the radiation biology of new radiopharmaceutical agents
  Motion: IBC approved protocol
  Motion Made By: Andrea Ladd
  Motion Seconded By: Peter Halfmann
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Yevgenya Grinblat, Dennis Halterman
  Biosafety Level: BSL2; BSL2; ABSL2; ABSL2; ABSL2; ABSL2;
  Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Chemical fume hood; Chemical fume hood; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Chemical fume hood;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the

proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: null
NIH Guidelines: (III-E-1);
Summary of IBC Review: This lab studies radiobiological effects of low-energy electron emitters in vitro models with applications in the treatment of a variety of diseases. This amendment proposes to add recombinant human cell lines received from a collaborator. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000893-AM003**
  PI Name: Latasha Crawford
  Protocol Title: Amendment/Renewal 003 for Biological Safety Protocol for Histological Procedures Performed in the Experimental Animal Pathology Laboratory
  Motion: IBC approved protocol
  Motion Made By: Garret Suen
  Motion Seconded By: Amita Kapoor
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL1; BSL1; BSL1; BSL1; BSL1;
  Containment Equipment: Chemical fume hood; Chemical fume hood; Not applicable; Not applicable; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.

Administrative: null
NIH Guidelines:
Summary of IBC Review: The Experimental Animal Pathology Laboratory provides histology services for UW Carbone Cancer Center members, non-members, and non-UW researchers. This amendment seeks approval to change PI only. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001004-AM003**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 003 for Study of the enteric pathogens E. coli, Salmonella, and Citrobacter rodentium
  Motion: IBC approved protocol
  Motion Made By: Warren Rose
  Motion Seconded By: Steve Garvis
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; ABSL2; ABSL2; ABSL2;
  Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood, Other - BioBubble; Chemical fume hood; Biological safety cabinet (BSC); Ventilated HEPA-filtered housing or rack system; Not applicable; Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC);
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
  Administrative: null
  NIH Guidelines: (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-E); (III-F-8);
  Summary of IBC Review: This lab studies in vitro and in vivo virulence strategies of these Salmonella. E. coli, and Citrobacter rodentium, to understand how these microbes colonize a host gut and cause disease. This amendment proposes to add flow cytometry procedures performed inside the BioBubble. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001077-AM003**
  PI Name: Sin Yin Lim
  Protocol Title: Amendment/Renewal 003 for Cancer Pharmacology Lab Pharmacokinetic and Pharmacodynamic Evaluations, Sample Acquisition
  Motion: IBC approved protocol
  Motion Made By: Garret Suen
  Motion Seconded By: Peter Halfmann
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL2; BSL2; BSL2; BSL2; Not applicable (non-laboratory area);
  Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
  Administrative: null
  NIH Guidelines:
  Summary of IBC Review: This is the Cancer Pharmacology Lab Pharmacokinetic and Pharmacodynamic Evaluations, sample acquisition and drug evaluation protocol. This amendment seeks approval to change PI and minor location updates. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001208-AM001**
  PI Name: Michele Novaes Ravelli
  Protocol Title: Amendment/Renewal 001 for Biosafety Protocol Isotope Ratio Core Lab
  Motion: IBC approved protocol
  Motion Made By: Amita Kapoor
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees:
  Biosafety Level: BSL2; Not applicable (non-laboratory area); BSL2; Not applicable (non-laboratory area);
  Containment Equipment: Chemical fume hood; Not applicable; Not applicable; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity,

stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
Administrative: null
NIH Guidelines:
Summary of IBC Review: The Isotope Ratio Core Lab provides services for measuring stable isotopes from human, animal, plant, groundwater, and food samples. This amendment proposes to update PPE to reflect current lab practices for saliva. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001242-AM003**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 003 for Immunity, pathogenesis, and evolution of RNA viruses
  Motion: IBC approved with contingencies
  Motion Made By: Donna Neumann
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees: Abstain: Peter Halfmann, Amita Kapoor, Matt Reynolds Absent: Warren Rose
  Biosafety Level: BSL2; ABSL2; ABSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2, Other - This is a BSL2+ lab; ABSL2; BSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; Other - BSL2+; ABSL2; ABSL2; BSL2; BSL2, Other - BSL2+; ABSL2; BSL2;
  Containment Equipment: Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Other - Robots will do isolations of DNA/RNA from samples. System is a self-contained Maxwell; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Other - Robots will do isolations of DNA/RNA from samples. System is a self-contained Maxwell, MaxPrep, or KingFisher unit. ; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: null
NIH Guidelines: (III-D-2-a); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-7); (III-E-1); (III-F-8); (III-F-8); (III-F-1);
Summary of IBC Review: This lab studies mechanisms by which RNA viruses evolve to emerge, spread, and cause disease. This amendment proposes changes to a freezer storage room location and to PPE practices in a shared BSL2 space. The IBC discussed clarification for the change in PPE.

- **Bio Protocol Number: B00001247-AM003**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 003 for Identifying immune responses to viral and host antigens - Elements
  Motion: IBC approved protocol
  Motion Made By: Peter Halfmann
  Motion Seconded By: Ryan Behrens
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Matt Reynolds
  Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2, Other - BSL2+; BSL2; ABSL2; BSL2; ABSL2; ABSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; ABSL2; BSL2; ABSL2; ABSL2; ABSL2; ABSL2; BSL2 - BSL2+; BSL2; ABSL2; ABSL2; BSL2; BSL2, Other - BSL2+; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2;
  Containment Equipment: Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Other - biobubble; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of

research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: null
NIH Guidelines: (III-D-4-b); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-E); (III-E-1); (III-F-8); (III-F-1);
Summary of IBC Review: The laboratory research integrates immunology, virology, molecular biology, and genomics to study immune responses against infectious diseases, alloantigens, and tumor antigens. This amendment proposes the addition of recombinant SIV administered to animals. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001252-AM001**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 001 for Primate Center Animal Services Division
  Motion: IBC approved with contingencies
  Motion Made By: Andrea Ladd
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by voice vote
  Nay Votes, Abstentions, Absentees: Abstain: Amita Kapoor, Matt Reynolds Absent: Warren Rose
  Biosafety Level: ABSL2; ABSL2; Not applicable (non-laboratory area), Other - used for imaging, staff will need to wear appropriate PPE; Not applicable (non-laboratory area), Other - used for MRI, staff will need to wear appropriate PPE; BSL2; ABSL2; ABSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; ABSL2; BSL2; ABSL2; ABSL2;
  Containment Equipment: Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood - Chemical fume hood has not been certified since 2009. It will be re-certified before being used.; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC);
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the

standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
NIH Guidelines: (III-D-4-b); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-4-a)(III-D-4-b); (III-E-1); (III-F-1);
Summary of IBC Review: WNPRC Animal Services Division primarily functions to provide healthy experimental subjects for investigators wishing to do research with nonhuman primates. This amendment proposes to add activities with Klebsiella pneumoniae and gold nanoparticles. The IBC discussed the proposed changes and had no additional concerns once the contingency regarding clarification of disinfectant used when necessary for specific biological agents is addressed.

The IBC voted unanimously to approve the UW response to the Draft NIH Biosafety Policy with no revisions. Andrea Ladd made the motion. Peter Halfmann seconded the motion. Warren Rose was absent for the vote.

University of Wisconsin-Madison Institutional Biosafety Committee

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Minutes of Regular Meeting Closed Session

Date:	10/7/2026
Present:	Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Warren Rose, Amita Kapoor, Andy Attwood, Ryan Stoffel, Marta Gaglia, Garret Suen, Ryan Behrens, Sabine Pellett, Steve Garvis
Consultants:	Lissa Koop, Darren Berger, Aaron Mccoy, Christina Pier, Heather Mc Fadden, Carrie Ensrud
OBS:	TJ Whyte, Aaron Mccoy, Karen Demick, Christina Pier, Andrea Ladd, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Donald Busalacchi, Carrie Ensrud, Matthew Dutcher, Kathy Krasny
Guests:	Sarah Johnson, CALS; Lyndon Tuffuo, VA; Matt Roth, EH&S
Call to order:	The meeting was called to order by Garret Suen, at Zoom at 1:31 pm
Announcements:	The IBC meeting is closed to the public.
Review of Minutes:	A motion to approve the closed session minutes of the following IBC meetings was Unanimously adopted. Institutional Biosafety Committee meeting on (9/2/2026) Abstain: Peter Halfmann Absent: Warren Rose

Other business - closed session

- **Agenda Items - Documents For Closed Session:**

Review of research protocols - closed session

- **B00001238**
- **B00001292**

Review of research amendments - closed session

- **B00000238-AM014**

- **B00000447-AM014**
- **B00000839-AM021**
- **B00000934-AM016**

Announcements

null

The meeting adjourned 3:42 pm

- **Bio Protocol Number: B00001238**
  PI Name: [redacted]
  Protocol Title: In Vitro and In Vivo Studies of Retinal Neurons
  Motion: IBC approved with contingencies
  Motion Made By: Donna Neumann
  Motion Seconded By: Sabine Pellett
  Committee Action: Adopted unanimously by hand vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Matt Reynolds
  Biosafety Level: ABSL1, ABSL2; BSL2; ABSL2; ABSL2; ABSL2; ABSL1; ABSL1; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2;
  Containment Equipment: Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Other - Autoclave; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Ventilated HEPA-filtered housing or rack system - Animal Transfer Station; Chemical fume hood, Ventilated HEPA-filtered housing or rack system; Not applicable; Other - Downdraft table; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Chemical fume hood; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
  NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
  Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
  NIH Guidelines: (III-D-4-b); (III-D-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-1); (III-E-1); (III-F-8); (III-F-1);
  Summary of IBC Review: This is a new protocol, the lab proposes to study neuroplasticity for

development of potential cell therapies for diseases that cause blindness. The IBC discussed containment and practices for toxin work, disinfection procedures, as well as cage change and animal care staff training clarification.

- **Bio Protocol Number: B00001292**
  PI Name: Vaishalee Kenkre
  Protocol Title: A Study to Investigate [redacted] Versus Investigator's Choice CD19 CAR T-Cell Therapy
  Motion: IBC approved with contingencies
  Motion Made By: Andrea Ladd
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by hand vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Matt Reynolds
  Biosafety Level: Other - clinical space; BSL1; Other - clinical space; BSL2; BSL2;
  Containment Equipment: Not applicable; Biological safety cabinet (BSC), Chemical fume hood - BSC is SterilGARD Baker Company; Fume hood is technically in Immunology, but that is also B4/220- the processing area does have access to it if needed; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC) - 2 Biological safety cabinet (BSC) that are certified bi-annually.;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
  Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).
  NIH Guidelines: (III-C-1);
  Summary of IBC Review: This is a new protocol proposing a phase 3 clinical study comparing CAR T-cell therapies for treatment of refractory large B-cell lymphoma. The IBC discussed the proposed changes and had no additional concerns once the contingencies regarding additional details for replication incompetent lentivirus are addressed.

- **Bio Protocol Number: B00000238-AM014**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 014 for The Role of APP and beta-Amyloid in Neurological Disorders.

Motion: IBC approved protocol
Motion Made By: Peter Halfmann
Motion Seconded By: Garret Suen
Committee Action: Adopted unanimously by hand vote
Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Matt Reynolds
Biosafety Level: ABSL1; BSL2; BSL2; BSL1; BSL2; BSL2; BSL1; ABSL1; BSL2; ABSL1; BSL2;
Containment Equipment: Not applicable; Not applicable; Not applicable; Chemical fume hood; Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC); Other - AriGard hood; Not applicable;
Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
Administrative: null
NIH Guidelines: (III-F-8); (III-F-8); (III-F-8); (III-F-1);
Summary of IBC Review: This lab uses animal models of Alzheimer's disease, Fragile X syndrome and Down's syndrome to study seizure disorders and pharmacological and/or nutritional interventions for treatment. The IBC discussed the proposed changes and biosafety is adequately addressed.

- **Bio Protocol Number: B00000447-AM014**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 014 for General Anesthetics and Ion Channel Modulation
  Motion: IBC approved with contingencies
  Motion Made By: Sabine Pellett
  Motion Seconded By: Donna Neumann
  Committee Action: Adopted unanimously by hand vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Matt Reynolds, Yevgenya Grinblat
  Biosafety Level: BSL2; BSL1; Not applicable (non-laboratory area); BSL2; BSL1; ABSL2; ABSL2; BSL1; BSL1; BSL1; BSL1;
  Containment Equipment: Not applicable; Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Not applicable; Not applicable;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed

products, as applicable.
Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
Administrative: null
NIH Guidelines: (III-D-4-a)(III-D-4-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-F-8); (III-F-8); (III-F-8);
Summary of IBC Review: This lab studies how and where anesthetics work in brains to □put us to sleep□ and to prevent memories from being formed. This amendment proposes the addition of work with tetrodotoxin. The IBC discussed PPE and disinfection methods.

- **Bio Protocol Number: B00000839-AM021**
  PI Name: Jocelyn Hemming
  Protocol Title: Amendment/Renewal 021 for Evaluation of Water for Pathogenic Microorganisms
  Motion: IBC approved protocol
  Motion Made By: Donna Neumann
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by hand vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Yevgenya Grinblat, Matt Reynolds
  Biosafety Level: BSL2; BSL1; Not applicable (non-laboratory area); Not applicable (non-laboratory area); BSL2; BSL1, Other - Room does not contain sink, will have portable sink with 5 gallon capacity and eye wash attachement. . Will contain dead air box; Not applicable (non-laboratory area); BSL2; BSL2; Not applicable (non-laboratory area); BSL2; BSL2; BSL2; BSL1; BSL2; BSL1;
  Containment Equipment: Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Other - Dead air box; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Other - Dead air box; Other - Dead air box; Chemical fume hood;
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used

effectively to mitigate risk caused by deviation from the standards.
NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.
Administrative: null
NIH Guidelines: (III-F-1);
Summary of IBC Review: This WSLH lab tests water samples for pathogenic microorganisms and wastewater samples for surveillance. This amendment proposes to add a disinfection method, a particle extraction method for wastewater, and a measles virus strain to the protocol. The IBC determined biosafety was adequately addressed.

- **Bio Protocol Number: B00000934-AM016**
  PI Name: [redacted]
  Protocol Title: Amendment/Renewal 016 for Regulation and Analysis of Toxins
  Motion: IBC approved with contingencies
  Motion Made By: Yevgenya Grinblat
  Motion Seconded By: Garret Suen
  Committee Action: Adopted unanimously by hand vote
  Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Sabine Pellett
  Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL3; BSL2; ABSL2
  Containment Equipment: BSC and chemical fume hood; Not applicable; Biological safety cabinet (BSC); Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC)
  Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.
  Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.
  Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.
  Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.
  PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.
  NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.
  Administrative: null
  NIH Guidelines: (III-B-1); (III-D-1-a)(III-D-1-b); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-6); (III-E); (III-E-1); (III-E-1); (III-F-1); (III-F-8); (III-F-8)
  Summary of IBC Review: Research in this laboratory focuses on select agent and non-select agent clostridial neurotoxins. The select agent work has been approved by the Federal Select Agent Program. The IBC discussed spill protocols, disinfection/inactivation procedures, precaution signage, and some administrative updates.

The IBC voted unanimously by hand vote to approve a request from WVDL to expand TSE testing into an additional lab space prior to amendment of the biosafety protocol. The motion was by made by Andrea Ladd. The motion was seconded by Donna Neumann. Warren Rose and Matt Reynolds were absent for the vote.