

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date:	6/3/2026
Present:	Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Amita Kapoor, Andy Attwood, Ryan Stoffel, Marta Gaglia, Garret Suen, Joel Malak, Clint Morgan, Ryan Behrens, Barak Blum, Sabine Pellett
Consultants:	Tony Mcgrath, Lissa Koop, Christina Pier, Heather Mc Fadden, Carrie Ensrud, Jennifer Wang, Quin Koehl
OBS:	Tony Mcgrath, TJ Whyte, Karen Demick, Christina Pier, Louise Meske, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Donald Busalacchi, Carrie Ensrud, Kathy Krasny, Quin Koehl
Guests:	Sarah Johnson, CALS Tom Friedrich, GIDL
Call to order:	The meeting was called to order by Garret Suen, at Zoom at 1:30 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 (5/6/2026) Absent: Joel Malak, Donna Neumann, Andy Attwood, Marta Gaglia
Approval of Registered Protocols:	A motion to approve registered protocols was Unanimously adopted Absent: Andy Attwood, Marta Gaglia

Other business - open session

- **Agenda Items - Documents For Open Session:**
- **IBC Policy UW-6102_proposed changes_060326.docx**

- **Executive Summary_proposed IBC Policy revision_060326.docx**
- **List of Registered Protocols_040126-050626_AM.xlsx**
- **List of Registered Protocols_040126-050626_GP.xlsx**
- **IBC HEPA Presentation-MD-6.pptx**

Review of research protocols - open session

? B00001273

Review of research amendments - open session

? B00000059-AM009

? B00000089-AM026

? B00000095-AM026

? B00000121-AM021

? B00000411-AM009

? B00000503-AM005

? B00000561-AM006

? B00000631-AM010

? B00000669-AM009

? B00000674-AM009

? B00000822-AM015

? **B00000851-AM010**

? **B00000858-AM009**

? **B00000966-AM004**

? **B00001087-AM001**

? **B00001242-AM002**

? **B00001250-AM002**

Announcements

null

The meeting adjourned 3:35 pm

- **Bio Protocol Number: B00001273**

PI Name: Nicholas Kalogriopoulos

Protocol Title: Engineering G protein-coupled receptor signaling for next-generation therapeutics

Motion: IBC approved with contingencies

Motion Made By: Barak Blum

Motion Seconded By: Joel Malak

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2;

Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Not applicable; 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 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-D-3-a) (III-D-3-b) (III-D-3-e); (III-E); (III-E-1); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This is a new protocol proposing the use of synthetic biology to engineer G protein-coupled receptor signaling for next-generation therapeutics. The IBC discussed clarification for inactivation practices, emergency response procedures, and clarification of microbe details.

- **Bio Protocol Number: B00000059-AM009**

PI Name: Michael Barber

Protocol Title: Amendment/Renewal 009 for Human and non-human pluripotent stem banking, characterization and Core services, and multi-species genomic assessment

Motion: IBC approved with contingencies

Motion Made By: Barak Blum

Motion Seconded By: Dennis Halterman

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: Not applicable (non-laboratory area); BSL2; BSL2; Not applicable (non-laboratory area); Not applicable (non-laboratory area); BSL2; Not applicable (non-laboratory area); BSL2; BSL2 - Hepa Filtration ; Not applicable (non-laboratory area); Not applicable (non-laboratory area); BSL2; BSL2; BSL2; BSL2; Not applicable (non-laboratory area); Not applicable (non-laboratory area);

Containment Equipment: Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Other - HEPA filtration on the room itself.; Not applicable; Not applicable; Biological safety cabinet (BSC), Other - HEPA filtration on the room itself.; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Other - HEPA filtration on the room itself.; Biological safety cabinet (BSC); Not

applicable; Not applicable; Biological safety cabinet (BSC), Other - Hepa filtration of the room itself; Not applicable; Biological safety cabinet (BSC), Other - HEPA filtration on the room itself.; Biological safety cabinet (BSC); 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: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).

NIH Guidelines: (III-E-1);

Summary of IBC Review: The WiCell Stem Cell Bank provides human and non-human pluripotent stem banking, characterization and core services, and multi-species genomic assessment. This amendment proposes a change to the Principal Investigator and minor updates to locations, and inactivation procedures. The IBC approved PI status and had no additional concerns.

- **Bio Protocol Number: B00000089-AM026**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 026 for The molecular pathogenesis of emerging infectious diseases

Motion: IBC approved with contingencies

Motion Made By: Donna Neumann

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: ABSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL1; BSL1; BSL2; 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; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system;

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-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-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-7); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-1); (III-E-1); (III-F-8); (III-F-8);

Summary of IBC Review: This lab studies the molecular pathogenesis of emerging infectious diseases. This amendment proposes to change PI for the BSL2 work and removes the BSL3 materials. The IBC discussed the need for completed projects and experimental materials no longer in use to be consistently removed from the protocol.

- **Bio Protocol Number: B00000095-AM026**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 026 for Stem Cell Therapies in Hematology and Infectious Diseases

Motion: IBC tabled the protocol

Motion Made By:

Motion Seconded By:

Committee Action: Other

Nay Votes, Abstentions, Absentees:

Biosafety Level: ABSL2, BSL2, Other - ABSL2+/BSL2+; BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2; Not applicable (non-laboratory area); BSL2; ABSL2; ABSL2; BSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; ABSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; ABSL2; BSL2; BSL2; ABSL2; ABSL2; BSL2; BSL2; Not applicable (non-laboratory area); ABSL2; ABSL2; ABSL2; ABSL2; BSL2; ABSL2; ABSL2, Other - ABSL2+; BSL2; BSL2; ABSL2, BSL2; Not applicable (non-laboratory area);

Containment Equipment: Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Other - back draft table for tissue trimming; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC); Other - No aerosol generation. Non-fixed samples are never opened and contained in original container (e.g. 6-well plate, 10cm dish); Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Other - Other - No aerosol generation. Non-fixed samples are never opened and contained in original container (e.g. 6-well plate, 10cm dish); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Not applicable; Not applicable;

Committee Review: There was insufficient information for risk assessment. The protocol was tabled.

Facilities: null

Required Institutional Training: null

Lab-specific Training and Expertise: null

PPE, Controls, and Practices: null

NIH Guidelines Requirements: null

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-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-8); (III-F-8); (III-F-1);

Summary of IBC Review: This lab studies Stem Cell Therapies in Hematology and Infectious Diseases. This Amendment proposes to add an ABSL2 facility. The IBC tabled the protocol due to inconsistencies and inaccuracy in the information presented.

- **Bio Protocol Number: B00000121-AM021**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 021 for Rey Lab Biological Safety Protocol for working with Human Gut Bacteria and Gnotobiotic Mice

Motion: IBC approved with contingencies

Motion Made By: Ryan Behrens

Motion Seconded By: Sabine Pellett

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; ABSL2; BSL2; BSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; ABSL2; BSL2; BSL1; BSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; BSL2; BSL1; BSL2; BSL2; BSL2;

Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC), Chemical fume hood, Other - BioBubble; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Ventilated HEPA-filtered housing or rack system; Ventilated HEPA-filtered housing or rack system; Chemical fume hood; Not applicable; Chemical fume hood; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Ventilated HEPA-filtered housing or rack system; Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Not applicable; 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 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)(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); (III-E-1); (III-F-8); (III-F-8);

Summary of IBC Review: This lab studies human gut bacteria and gnotobiotic mice. This amendment proposes to add a project using a commercial recombinant AAV, updates lab-specific training and regulations for the use of lipopolysaccharide (LPS). Discussed clarification of LPS handling practices and containment as well as disinfection procedures.

- **Bio Protocol Number: B00000411-AM009**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 009 for Small Animal Imaging and Radiotherapy Facility

Motion: IBC approved protocol

Motion Made By: Amita Kapoor

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: ABSL2; ABSL2, BSL2; ABSL2, BSL2; ABSL2; ABSL2; ABSL2; BSL2; ABSL2, BSL2; ABSL2; ABSL2; ABSL2, BSL2; ABSL2; BSL2;

Containment Equipment: Not applicable; Chemical fume hood; Biological safety cabinet (BSC); 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), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system;

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-E-1); (III-E-1);

Summary of IBC Review: This lab group and facility performs imaging and radiotherapy studies in small animals, including mice and rats, to investigate diseases such as cancer and to evaluate treatment effects. This amendment proposes updates to containment procedures for centrifugation. IBC had no biosafety concerns.

- **Bio Protocol Number: B00000503-AM005**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 005 for Sex-specific role of hippocampal TrkB following neonatal hypoxia and ischemia

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Andy Attwood, Marta Gaglia

Biosafety Level: BSL1; BSL1; ABSL1; BSL1; BSL1; ABSL1; BSL1; BSL1; ABSL1; BSL1; BSL1; BSL1;

Containment Equipment: Ventilated HEPA-filtered housing or rack system; Other - Faraday cage; Other - Necropsy downdraft table; Not applicable; Chemical fume hood; Other - Specialized equipment, ; Not applicable; Biological safety cabinet (BSC); Ventilated HEPA-filtered housing or rack system; 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: (III-F-8); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This lab studies sex-specific role of hippocampal TrkB following neonatal hypoxia and ischemia. This lab proposes to add human specimens and NHP work to the protocol. The IBC discussed the outstanding contingencies.

- **Bio Protocol Number: B00000561-AM006**

PI Name: Karen Hershberger-Braker

Protocol Title: Amendment/Renewal 006 for Development and Testing of Animal Vaccines

Motion: IBC approved protocol

Motion Made By: Peter Halfmann

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; Not applicable (non-laboratory area); BSL2;

Containment Equipment: Not applicable; 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 is not subject to the NIH Guidelines.

Administrative: null

NIH Guidelines:

Summary of IBC Review: This laboratory and facility provides diagnostic serologic testing services for veterinarians, breeders, animal shelters, pet owners, and industry clients and supports vaccine evaluation studies. This amendment proposes a change to the PI and minor housekeeping changes. The IBC had no additional biosafety concerns.

- **Bio Protocol Number: B00000631-AM010**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 010 for Membrane biology

Motion: IBC approved with contingencies

Motion Made By: Joel Malak

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Barak Blum

Biosafety Level: ABSL2; BSL2 - BSC used in 2081, microscopes in other rooms used.; BSL1; BSL2; ABSL1; BSL1; BSL1; BSL2; BSL1; BSL2; BSL2; Not applicable (non-laboratory area); BSL1; ABSL2; BSL2; BSL2; BSL2; ABSL1, BSL1;

Containment Equipment: Other - downdraft table; Biological safety cabinet (BSC); Not applicable; Not applicable; Other - animal transfer station to reduce allergens; Chemical fume hood; Not applicable; Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Other - downdraft tables for animal dissection;

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) (III-D-4-a) (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-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-3); (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-8); (III-F-1);

Summary of IBC Review: This lab studies intracellular protein and membrane trafficking to better understand cellular function and disease mechanisms. This amendment proposes to add work with lentiviral and retroviral vectors. IBC contingencies relate to disinfection practices, exposure response procedures, and best practices for respiratory protection and other PPE.

- **Bio Protocol Number: B00000669-AM009**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 009 for Analysis of human innate T lymphocytes

Motion: IBC approved with contingencies

Motion Made By: Matt Reynolds

Motion Seconded By: Marta Gaglia

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2; BSL1; BSL1; BSL2;

Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety

Biosafety Level: Not applicable (non-laboratory area); BSL1; BSL1; BSL1; BSL1;
BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1;
BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1; BSL1;

BSL1; BSL1;

Containment Equipment: Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Chemical fume hood; Not applicable; Not applicable; Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Not applicable; 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 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-E-2-a); (III-E); (III-F-8);

Summary of IBC Review: This lab studies crop plant genetic engineering and gene editing for functional genomics research and genetic improvement. This lab proposes to add field work at a new agricultural research station site. The IBC had no biosafety concerns.

- **Bio Protocol Number: B00000822-AM015**

PI Name: Rachael Wilson

Protocol Title: Amendment/Renewal 015 for UW AD Program Biomarker Protocol

Motion: IBC approved with contingencies

Motion Made By: Amita Kapoor

Motion Seconded By: Joel Malak

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Barak Blum

Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; Not applicable (non-laboratory area); BSL2; BSL2;

Containment Equipment: Biological safety cabinet (BSC); Chemical fume hood; Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; 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 laboratory staff have completed required institutional biosafety training.

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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 facility provides lab equipment, analyzers, expertise, and support for studying biomarkers in the ADRC and Wisconsin Registry for Alzheimer's Prevention (WRAP) cohorts. This amendment proposes to add nonhuman primate work and locations. The IBC discussed clarification of locations, PPE practices, spill procedures, signage and emergency response protocols.

- **Bio Protocol Number: B00000851-AM010**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 010 for UW Gnotobiotic Shared Resource

Motion: IBC approved with contingencies

Motion Made By: Yevgenya Grinblat

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Barak Blum

Biosafety Level: ABSL2; ABSL2; ABSL2; ABSL2; BSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2;

Containment Equipment: Biological safety cabinet (BSC); Not applicable; Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC); 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 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-1-a)(III-D-1-b); (III-E); (III-E); (III-E-1); (III-F-8); (III-F-8);

Summary of IBC Review: This is a core facility that provides germ-free and gnotobiotic mouse services for human gut microbiome experiments. In this amendment the lab proposes the addition of a new laundry service, update to disinfectants and practices. IBC discussed clarification of locations for procedures.

- **Bio Protocol Number: B00000858-AM009**

PI Name: Robert Kirchdoerfer

Protocol Title: Amendment/Renewal 009 for In vitro characterization of viral protein function

Motion: IBC approved with contingencies

Motion Made By: Marta Gaglia

Motion Seconded By: Donna Neumann

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Barak Blum

Biosafety Level: BSL2; BSL2; BSL1; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL1; BSL2; BSL2; BSL2; BSL1; BSL2; BSL2; BSL2; BSL2; BSL1;

Containment Equipment: Chemical fume hood; Not applicable; Chemical fume hood; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; 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); 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 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-2-a); (III-D-2-a); (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); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This lab studies structure-based studies of viral proteins, viruses and antibody-virus binding. This amendment proposes to add use of enterovirus, and recombinantly expressed proteins from viruses. IBC discussed respiratory protection usage for aerosol generating activities.

- **Bio Protocol Number: B00000966-AM004**

PI Name: Claire Richardson

Protocol Title: Amendment/Renewal 004 for Making and using transgenic

Caenorhabditis elegans to investigate neuron cell biology

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: Absent: Barak Blum

Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2;

Containment Equipment: Chemical fume hood; Not applicable; Not applicable; Not applicable; 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 deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.

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-4) (III-D-4-a) (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-b); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: This lab studies mechanisms that maintain neuron homeostasis, and what causes homeostasis to be lost during aging. This amendment proposes the addition of infectious bacterial strain. The IBC discussed containment practices, PPE usage, Spill and release procedures and clarification of study locations.

- **Bio Protocol Number: B00001087-AM001**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 001 for Role of hematopoietic stem cell niche in regulating hematopoiesis and blood diseases

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Barak Blum

Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; ABSL2; ABSL2; BSL2; BSL2; BSL1; Not applicable (non-laboratory area); ABSL2; BSL2; BSL2; ABSL2;

Containment Equipment: Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC), Other - BSCs located in 7018B/C/E; Not applicable; Biological safety cabinet (BSC); 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; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; 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 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-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-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This laboratory studies the microenvironment of blood stem cells and associated diseases. This amendment proposes the addition of an AAV vector system and a toxin. The IBC discussed clarification of these additions to protocol.

- **Bio Protocol Number: B00001242-AM002**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 002 for Immunity, pathogenesis, and evolution of RNA viruses

Motion: IBC approved with contingencies

Motion Made By: Marta Gaglia

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Barak Blum Abstain: Matt Reynolds, Amita Kapoor, Peter Halfmann

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;

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;

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-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 provides services support for investigators conducting research in nonhuman primates (NHP). This amendment proposes the addition of Mpox to virology services and to align the protocol with BMBL 6th Ed. standards. The IBC discussed containment, emergency response, disinfection practices, and any needed access changes or additional PPE considerations, and signage recommendations.

- **Bio Protocol Number: B00001250-AM002**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 002 for Characterization of Emerging Pathogens

Motion: IBC approved with contingencies

Motion Made By: Donna Neumann

Motion Seconded By: Ryan Behrens

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Barak Blum Abstain: Matt Reynolds, Peter Halfmann

Biosafety Level: BSL2; BSL2, Other - This is the BSL2+ lab.; BSL2; BSL2 - BSL2+; BSL2; BSL2; BSL2; BSL2; ABSL2; ABSL2; Not applicable (non-laboratory area), Other - used for imaging; BSL2; BSL2; ABSL2; ABSL2; BSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; BSL2; Not applicable (non-laboratory area) - used for MRI ; BSL2; BSL2; BSL2;

Containment Equipment: Not applicable; Biological safety cabinet (BSC) - Other - Robots will do isolations of DNA/RNA from samples. System is a self-contained Maxwell; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Not

applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; 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) - Other - Robots will do isolations of DNA/RNA from samples. System is a self-contained Maxwell, MaxPrep, or KingFisher unit.;

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-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: This laboratory studies the characterization of emerging pathogens. In this amendment the addition of air filter cartridges potentially contaminated with recombinant nucleic acid and also added procedures for handling human breastmilk. The IBC discussed handling filters, and updates to the laboratory biosafety manual.

The IBC voted unanimously to adopt revisions to IBC Policy UW-6102. The revisions add language about the timing of BSL3 protocol review relative to commissioning of new BSL3 spaces and add requirements for additional containment devices not previously covered under the policy (e.g., custom containment devices). Andrea Ladd made the motion. Garret Suen seconded the motion. Barak Blum was absent.

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Closed Session

Date: 6/3/2026

Present: Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Amita Kapoor, Andy Attwood, Ryan Stoffel, Marta Gaglia, Garret Suen, Joel Malak, Clint Morgan, Ryan Behrens, Barak Blum, Sabine Pellett

Consultants: Tony Mcgrath, Lissa Koop, Christina Pier, Heather Mc Fadden, Carrie Ensrud, Jennifer Wang, Quin Koehl

OBS: Tony Mcgrath, TJ Whyte, Karen Demick, Christina Pier, Louise Meske, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Donald Busalacchi, Carrie Ensrud, Kathy Krasny, Quin Koehl

Guests: Sarah Johnson, CALS

Call to order: The meeting was called to order by Garret Suen, at Zoom at 1:30 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 (5/6/2026)

Absent: Andy Attwood, Marta Gaglia

Other business - closed session

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

Review of research protocols - closed session

Review of research amendments - closed session

❓ **B00000453-AM013**

❓ **B00000835-AM011**

🔍 **B00000934-AM013**

Announcements

null

The meeting adjourned 3:35 pm

- **Bio Protocol Number: B00000453-AM013**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 013 for Biophysical Studies of Electrical Signaling in the Nervous System

Motion: IBC approved with contingencies

Motion Made By: Barak Blum

Motion Seconded By: Sabine Pellett

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Marta Gaglia

Biosafety Level: BSL1; ABSL2; BSL1; BSL2; ABSL2; ABSL2; BSL1; BSL2; BSL1, BSL2; BSL1, BSL2;

Containment Equipment: Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); 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-2-a); (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-3); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This lab studies neural circuitry using imaging techniques to measure electrical activity of brain specimens prepared from rats and mice, as well as in cultured cells. In this amendment the addition of AAV vector construction used on cultured cells is proposed. IBC discussed best practices for toxin use, containment, and disinfection as well as clarification of PPE practices and spill protocols.

- **Bio Protocol Number: B00000835-AM011**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 011 for Pathogenesis of Staphylococcus aureus and Neisseria gonorrhoeae

Motion: IBC tabled the protocol

Motion Made By:

Motion Seconded By:

Committee Action: Other

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; BSL2;

Containment Equipment: Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Other - centrifuges, microscopes; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood;

Committee Review: There was insufficient information for risk assessment. The protocol was tabled.

Facilities: null

Required Institutional Training: null

Lab-specific Training and Expertise: null

PPE, Controls, and Practices: null

NIH Guidelines Requirements: null

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); (III-E-1); (III-F-8); (III-F-8);

Summary of IBC Review: This lab studies pathogenesis of Staphylococcus aureus and Neisseria gonorrhoea with an emphasis on disease and virulence mechanisms. In this amendment it is proposed to add Listeria monocytogenes to the list of

pathogens used in the lab. The IBC tabled the protocol due to lack of clarity for proposed research.

- **Bio Protocol Number: B00000934-AM013**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 013 for Regulation and Analysis of Toxins

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: 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 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-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. This amendment proposes updates to the laboratory biosafety manual.

Andrea Ladd gave the IBC incident report.