

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date:	10/1/2025
Present:	Peter Halfmann, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Warren Rose, Amita Kapoor, Ryan Stoffel, Garret Suen, Joel Malak, Clint Morgan, Sabine Pellett, Steve Garvis
Consultants:	Tony Mcgrath, Lissa Koop, Darren Berger, Christina Pier, Heather Mc Fadden, Carrie Ensrud, Quin Koehl
OBS:	Tony Mcgrath, TJ Whyte, David Dyer, Karen Demick, Christina Pier, Andrea Ladd, Louise Meske, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Donald Busalacchi, Carrie Ensrud, Kathy Krasny, Quin Koehl
Guests:	Sarah Johnson, CALS Chris Strang, EH&S Jody Peter, BRMS Jules Panksepp, Waisman Qiang Chang, Waisman Anjon Audhya, SMPH
Call to order:	The meeting was called to order by Garret Suen, at Zoom at 1:32 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 (9/3/2025) Abstentions: Sabine Pellett, Andrea Ladd Absent: Warren Rose
Approval of Registered Protocols:	A motion to approve registered protocols was Unanimously adopted Absent: Warren Rose

Other business - open session

- **Agenda Items - Documents For Open Session:**
- **List of Registered Protocols_080625-090325_AM.xlsx**

- **List of Registered Protocols_080625-090325_GP.xlsx**

Review of research protocols - open session

 **B00001206**

 **B00001221**

 **B00001223**

 **B00001228**

Review of research amendments - open session

 **B00000044-AM016**

 **B00000065-AM019**

 **B00000360-AM016**

 **B00000503-AM004**

 **B00000525-AM011**

 **B00000567-AM010**

 **B00000576-AM006**

 **B00000582-AM003**

 **B00000703-AM004**

 **B00000749-AM014**

? **B00000799-AM007**

? **B00000980-AM009**

? **B00001074-AM005**

? **B00001121-AM002**

Announcements

null

The meeting adjourned 3:43 pm

- **Bio Protocol Number: B00001206**

PI Name: Rebecca Smith

Protocol Title: Smith Lab Plant Cell Wall Engineering

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

Biosafety Level: BSL1; BSL1-P; BSL1-P; BSL1, BSL1-P; BSL1-P; BSL1, BSL1-P; BSL1-P; BSL1; BSL1;

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

Summary of IBC Review: The laboratory studies plant secondary cell wall biosynthesis using transgenic plants. Clarification is requested regarding PPE and containment information for dip transfer procedures with *Agrobacterium*.

- **Bio Protocol Number: B00001221**

PI Name: Nita Ahuja

Protocol Title: Genetic and Epigenetic Alterations in Cancer and Other Chronic Diseases

Motion: IBC approved with contingencies

Motion Made By: Donna Neumann

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Amita Kapoor

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

Containment Equipment: Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Other - As of today, one liq N2, four -80 and two -20 freezers are located in the vestibule 5000K (freezer lane) near 5026 entrance and two -20 are stored inside 5026; Biological safety cabinet (BSC), Other - 37 degree incubator;

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

Summary of IBC Review: The laboratory studies genetic and epigenetic changes in cancer and other conditions. Proposed work includes experiments with replication incompetent viral vectors in cell lines. The IBC identified minor revisions needed throughout the protocol for clarity and completeness but did not note significant biosafety concerns with the proposed activities.

- **Bio Protocol Number: B00001223**

PI Name: Shelby Ellison

Protocol Title: Disease screening protocol for *Aphanomyces euteiches* resistance in *Phaseolus vulgaris* (common bean)

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Not applicable; 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 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:

Summary of IBC Review: The laboratory studies how plant genetics impact resistance to plant fungal pathogen using the common bean plant as the host model. The IBC discussed contact time for disinfection of pots.

- **Bio Protocol Number: B00001228**

PI Name: Jing Zheng

Protocol Title: Regulation of Endothelial and Vascular Function

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: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2;

Containment Equipment: Biological safety cabinet (BSC), 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), Chemical fume hood; 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-E-3); (III-E-1); (III-E-1);

Summary of IBC Review: The laboratory studies blood vessel biology and its impacts on pregnancy and offspring health using human and mammalian cell/tissue models. The IBC discussed PPE used to prevent mucosal exposure.

- **Bio Protocol Number: B00000044-AM016**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 016 for Pathogenesis of eye infections and antimicrobial, and gene therapy for ocular disease

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Not applicable; Biological safety cabinet (BSC); Not applicable; Chemical fume hood; Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; 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 deviate from standards set by the IBC. Revisions are required for approval.

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-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: The laboratory studies the genetic factors in Herpes simplex virus that contribute to its disease phenotype. The IBC previously reviewed this renewal application and considered whether alternative PPE proposed by the PI was sufficient for activities outside of containment. It was determined that a surgical mask could replace a face shield for mucosal protection while working at the dissection microscope.

- **Bio Protocol Number: B00000065-AM019**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 019 for Understanding rheumatoid arthritis and autoimmunity

Motion: IBC approved protocol

Motion Made By: Andrea Ladd

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: ABSL1, ABSL2; ABSL2; ABSL1, BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2;

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), Chemical fume hood; Not applicable; Other - autoclave; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; 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-E-3); (III-F-8); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: The laboratory studies the pathophysiology of rheumatoid arthritis and other autoimmune disorders. In this amendment, administration of recombinant cells to animals is proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000360-AM016**

PI Name: Brian Pfleger

Protocol Title: Amendment/Renewal 016 for Biosafety Protocol for Microbial Synthetic Biology Research in the Pfleger Lab

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

Biosafety Level: BSL2; BSL2; BSL1; BSL2; BSL1; BSL1; BSL1; Other - media prep room - no biological materials;

Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; 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-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E); (III-E-3); (III-E); (III-F-8); (III-F-8); (III-F-1); (III-F-8); (III-F-4) (III-F-5);

Summary of IBC Review: The laboratory studies metabolic pathways for optimizing production of valuable compounds. In this amendment, experiments using a recombinant strain of RG1 yeast are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000503-AM004**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 004 for Role of estrogen receptor alpha (ERα) in neonatal mice after hypoxia

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

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

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

Summary of IBC Review: The laboratory studies hypoxia and ischemia related to brain injury after perinatal asphyxia. In this amendment, new locations and transgenic rodent models are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000525-AM011**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 011 for Molecular mechanisms underlying mammalian CNS regeneration

Motion: IBC approved protocol

Motion Made By: Donna Neumann

Motion Seconded By: Steve Garvis

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; ABSL1; BSL2; BSL2; BSL2; ABSL1, BSL1; ABSL2, BSL2; ABSL2; ABSL2, BSL2; ABSL2; ABSL2; ABSL2; ABSL2; BSL2; BSL2; BSL2; ABSL2, BSL2; BSL2; BSL2; BSL2; ABSL1; BSL1; ABSL2, BSL2; BSL1; ABSL1;

Containment Equipment: Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Other - Environmental chamber surrounding microscope, and on-stage incubator containing specimen; Chemical fume hood; Biological safety cabinet (BSC); Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; 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); Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Other - Environmental chamber surrounding microscope, and on-stage incubator containing specimen; Biological safety cabinet (BSC); Not applicable; Not applicable; Chemical fume hood; Not applicable; 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-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-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: The laboratory studies neural stem cell biology and neurological disease. In this amendment, experiments with RG2 viruses are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000567-AM010**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 010 for Epigenetics of Early Life Adversity

Motion: IBC approved protocol

Motion Made By: Yevgenya Grinblat

Motion Seconded By: Joel Malak

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Chemical fume hood; Not applicable; Ventilated HEPA-filtered housing or rack system; 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 is not subject to the NIH Guidelines.

Administrative: null

NIH Guidelines: (III-F-8); (III-F-8); (III-F-8);

Summary of IBC Review: The laboratory studies the role of epigenetic regulation in mammalian development and human disease. In this amendment, processing cerebrospinal fluid from health individuals or patients with neurological diseases is proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000576-AM006**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 006 for Biosafety Protocol for Oncology/Hematology Projects - Regulation of Coagulation Proteases

Motion: IBC approved with contingencies

Motion Made By: Warren Rose

Motion Seconded By: Ryan Stoffel

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Chemical fume hood; Not applicable; 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/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 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-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E); (III-E); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: The laboratory studies enzymes associated with hemophilia and clotting disorders in ovarian cancer. In this renewal, no changes in research are proposed. A minor clerical edit is requested for congruency.

- **Bio Protocol Number: B00000582-AM003**

PI Name: Cedric Wesley

Protocol Title: Amendment/Renewal 003 for Drosophila Developmental Embryology

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:

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

Containment Equipment: Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), 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 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-F-8); (III-F-8); (III-F-4) (III-F-5);

Summary of IBC Review: The laboratory studies contributions of maternal and embryonic genomes to early embryogenesis. In this renewal, no changes in research are proposed. A department chair signature is required for approval of PI status.

- **Bio Protocol Number: B00000703-AM004**

PI Name: Paul Koch

Protocol Title: Amendment/Renewal 004 for Koch Lab Turfgrass Pathology Biosafety Protocol

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:

Biosafety Level: BSL1; BSL1-P; BSL1; BSL2-P; BSL1-P; BSL1;

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

NIH Guidelines: (III-E-2-b-3); (III-E); (III-F-8);

Summary of IBC Review: The laboratory studies interactions between turfgrass and various plant pathogens with a primary focus on fungal pathogens. In this amendment, work with a recombinant fungal pathogen is proposed. It was noted that the recombinant modifications should make the fungus less virulent. The IBC considered containment for these experiments.

- **Bio Protocol Number: B00000749-AM014**

PI Name: Jason Peters

Protocol Title: Amendment/Renewal 014 for Antibiotic-genetic studies of pathogenic bacteria

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

Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL1 - We intend to only use BSL1 organisms in this room.; BSL2; BSL2;

Containment Equipment: Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Other - We have purchased a second BSC that will reside in room 6228. We will perform all aerosol generating manipulations in the two BSCs. We will only work with BSL2 organisms in 6230 in closed containers.; Not applicable; Not applicable; Not applicable - We will use the luminometer and plate reader with closed plates.;

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: The laboratory studies bacterial pathogen biology and antibiotic susceptibility. In this amendment, work with recombinant non-pathogenic *Vibrio* strains is proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000799-AM007**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 007 for Gut microbial diversity and function in insect disease vectors

Motion: IBC approved protocol

Motion Made By: Warren Rose

Motion Seconded By: Peter Halfmann

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstention: Sabine Pellett

Biosafety Level: ABSL2, BSL2; BSL1; Not applicable (non-laboratory area); ABSL2, BSL2; ABSL1; ABSL2, BSL2; BSL2; BSL2; ABSL2, BSL2;

Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Not applicable; 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 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); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: The laboratory studies factors that influence gut microbiome composition and abundance in insect disease vectors and the impact on physiology and disease control. In this amendment, addition of several new RG2 bacteria are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000980-AM009**

PI Name: Dave Harris

Protocol Title: Amendment/Renewal 009 for The effects of bariatric surgery on metabolism and aging

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

Biosafety Level: BSL2; BSL2; 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);

Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical

fume hood; 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-E-1); (III-E-1); (III-F-1);

Summary of IBC Review: The laboratory studies how bariatric surgery impacts organ function. In this amendment, locations and cell lines were updated. Biosafety is adequately addressed. PI status was approved.

- **Bio Protocol Number: B00001074-AM005**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 005 for Modeling neurodevelopmental disorders using induced pluripotent stem cells

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:

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

Containment Equipment: Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Chemical fume hood; Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Chemical fume hood; 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-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); (III-E); (III-E-1); (III-F-8);

Summary of IBC Review: The laboratory studies genetic contributions to autism using induced pluripotent stem cell lines and transgenic mice. In this amendment, administration of AAV via stereotactic injection and surgical implantation of human-derived organoids to mice are proposed. Minor revisions are needed for congruency. No biosafety concerns were noted.

- **Bio Protocol Number: B00001121-AM002**

PI Name: Reinier Hernandez

Protocol Title: Amendment/Renewal 002 for UWCCC Radiopharmaceutical Analytics and Specimen Research (RASR) core

Motion: IBC approved with contingencies

Motion Made By: Amita Kapoor

Motion Seconded By: Steve Garvis

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; BSL2; ABSL2, BSL2;

Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood - BSC and fume hood are located in K4/523.; 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 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-E-1); (III-E-1);

Summary of IBC Review: This core protocol covers activities in the Radiopharmaceutical Analytics and Specimen Research core. In this amendment, updates to locations for equipment are proposed. Contingencies address modifications to handwashing procedures.

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Closed Session

Date: 10/1/2025

Present: Peter Halfmann, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Warren Rose, Amita Kapoor, Ryan Stoffel, Garret Suen, Joel Malak, Clint Morgan, Sabine Pellett, Steve Garvis

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

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

Guests: Sarah Johnson, CALS Chris Strang, EH&S Jody Peter, BRMS Jules Panksepp, Waisman Qiang Chang, Waisman Anjon Audhya, SMPH

Call to order: The meeting was called to order by Garret Suen, at Zoom at 1:32 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 Adopted with revisions.

Institutional Biosafety Committee meeting on (9/3/2025)

Abstention: Andrea Ladd Absent: Sabine Pellett, Warren Rose

Revision to include incident report.

Other business - closed session

- **Agenda Items - Documents For Closed Session:**
- **IBC request_09092025_Final.docx**
- **Appendix 3_IVC Rack Certification-v3 .docx**
- **Appendix 4_Innovive_OperatorsGuide-Digital.pdf**

- **Appendix 5.pdf**
- **Appendix 6_Innovive Cage Testing Summary.xlsx**
- **Executive Summary_request for reconsideration of policy_100125.docx**

Review of research protocols - closed session

B00001195

Review of research amendments - closed session

B00000103-AM022

Announcements

null

The meeting adjourned 3:43 pm

- **Bio Protocol Number: B00001195**

PI Name: Tripti Singh

Protocol Title: The CALiPSO-1 Study: A Study of [REDACTED], a [REDACTED]
Cell Product, in Participants with Refractory B cell-mediated Autoimmune Diseases

Motion: IBC approved with contingencies

Motion Made By: Joel Malak

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Sabine Pellett, Warren Rose

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

Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Other - sample collection & processing (centrifuge & storage fridge, freezer, -80 freezer); Biological safety cabinet (BSC), Chemical fume hood; 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.

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)(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: This is an umbrella protocol for the Scientific Protocol Implementation unit at the Wisconsin National Primate Research Center. In this amendment, new experiments with AAV and CRISPR-based editing are proposed. The IBC discussed mitigation for risk of needlesticks and PPE use.

Andrea Ladd gave the IBC incident report.

The IBC discussed a request to reconsider the IBC's decision to update IBC Policy UW-6102 Section 4.4 to require, rather than recommend, performance checks of ventilated cage racks at ABSL1. Motion to deny the request and keep the requirement made by Andrea Ladd and seconded by Sabine Pellett. IBC approved by majority vote. Yevgenya Grinblat, Donna Neumann, and Ryan Stoffel opposed. Warren Rose abstained.

The IBC discussed how to interpret the letter from Innovive dated June 27, 2025 in relation to IBC Policy UW-6102 Section 4.4. Motion to adopt the interpretation that the "formal certification" defined by Innovive does not meet the standards required for the performance checks as outlined in the policy made by Garret Suen and seconded by Peter Halfmann. IBC approved by majority vote. Yevgenya Grinblat, Amita Kapoor, Donna Neumann, and Ryan Stoffel opposed.