

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date: 8/20/2025

Present: Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Amita Kapoor, Ryan Stoffel, Garret Suen, Joel Malak, Clint Morgan, Megan Spurgeon, Sabine Pellett

Consultants: Heather Mc Fadden, Carrie Ensrud, John Cejka, Quin Koehl

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

Guests: Sarah Johnson-Schueter, CALS Morgan VanderGiessen, Moore Lab

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 (8/6/2025)

Dennis Halterman, abstain

Approval of Registered Protocols: A motion to approve registered protocols was null

Other business - open session

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

Review of research protocols - open session

🔍 B00001219

Review of research amendments - open session

? **B00000231-AM014**

? **B00000561-AM004**

? **B00000568-AM006**

? **B00000614-AM018**

? **B00000674-AM007**

? **B00000858-AM006**

? **B00000860-AM004**

? **B00000882-AM010**

? **B00001038-AM003**

? **B00001089-AM003**

? **B00001097-AM006**

Announcements

null

The meeting adjourned 2:36 PM

- **Bio Protocol Number: B00001219**

PI Name: Anna Beck

Protocol Title: Biosafety Protocol Beck Lab - Breast Cancer Risk and Response to Estrogen Regulation Identification

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

Containment Equipment: 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 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-1);

Summary of IBC Review: Research in this laboratory focuses on understanding and predicting future breast cancer risk. The laboratory works with recombinant human cell lines and primary human tissue samples. Biosafety was adequately addressed. PI status was approved.

- **Bio Protocol Number: B00000231-AM014**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 014 for Biology and management of vectors and vector-borne disease

Motion: IBC approved with contingencies

Motion Made By: Yevgenya Grinblat

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Other - Sealed chamber inside an incubator; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; 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 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: The laboratory studies arthropods that transmit disease to humans and animals. In this amendment, work with live black-legged ticks that may be infected with a pathogen is proposed. The IBC discussed housing for chipmunks that will be used to feed the ticks.

- **Bio Protocol Number: B00000561-AM004**

PI Name: Laurie Larson

Protocol Title: Amendment/Renewal 004 for Development and Testing of Animal Vaccines

Motion: IBC approved with contingencies

Motion Made By: Donna Neumann

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

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

Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.

Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.

Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.

NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.

Administrative: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).

NIH Guidelines:

Summary of IBC Review: This is a core protocol for a laboratory that performs serological testing for veterinarians, pet owners, breeders, animal shelters, and industry clients to evaluate serum antibodies against common animal pathogens.

The laboratory also works with vaccine manufacturers to evaluate experimental vaccines using in vitro assays. No animal work is performed. No changes in activities are proposed in this renewal. Updates are needed to spill procedures.

Renewal of PI status was approved.

- **Bio Protocol Number: B00000568-AM006**

PI Name: Brad Schwartz

Protocol Title: Amendment/Renewal 006 for Mechanisms of initiation of human coagulation

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; BSL2; BSL2; BSL2; BSL1;

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

applicable; Chemical fume hood; Not applicable;

Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.

Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.

Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls 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); (III-F-8); (III-F-8);

Summary of IBC Review: The laboratory studies how blood clotting occurs using purified recombinant proteins in in vitro assays. In this renewal, no changes to research are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000614-AM018**

PI Name: Jo Handelsman

Protocol Title: Amendment/Renewal 018 for Probing the genes and metabolites that mediate microbial community dynamics

Motion: IBC approved protocol

Motion Made By: Dennis Halterman

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; BSL2, BSL2-P; BSL2; BSL2, BSL2-P; BSL2; BSL2; BSL2; BSL2; BSL2;

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

Committee Review: The IBC has reviewed the locations, activities, and agents

[illegible]

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; 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 core services protocol covers activities of the Wisconsin Crop Innovation Center, which provides functional genomics, plant transformation and gene editing services, and cloning and preparation of utility vectors for biolistic, nanoparticle, and Agrobacterium transgene delivery. In this amendment, a PI change is proposed, locations are updated, and practices are clarified. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000858-AM006**

PI Name: Robert Kirchdoerfer

Protocol Title: Amendment/Renewal 006 for In vitro characterization of viral protein function

Motion: IBC approved with contingencies

Motion Made By: Megan Spurgeon

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Chemical fume hood; Not applicable; Not applicable; 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; Not applicable; Not applicable;

Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.

Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.

Required Institutional Training: The PI and laboratory staff have completed required institutional biosafety training.

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.

NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.

Administrative: null

NIH Guidelines: (III-D-2-a); (III-D-2-a); (III-D-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: The laboratory studies the molecular mechanisms of viral RNA synthesis and cell entry. In this renewal, a new project investigating humoral immune responses to rhinovirus C is proposed. The IBC discussed the source, inactivation, disinfection, and PPE for work with human sera and use of a face shield when working with larger volumes of virus-containing materials.

- **Bio Protocol Number: B00000860-AM004**

PI Name: Scott Coyle

Protocol Title: Amendment/Renewal 004 for Understanding and engineering microscale molecular and cellular machines

Motion: IBC approved protocol

Motion Made By: Megan Spurgeon

Motion Seconded By: Peter Halfmann

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Chemical fume hood; Chemical fume hood; Chemical fume hood; Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Other - This space will contain 37[°] incubators to grow E. coli on LB plates for cloning. All materials within this hallway space will be locked after adding or removing cultures.;

Chemical fume hood; Chemical fume hood; 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 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: null

Administrative: null

NIH Guidelines: (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-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: The laboratory uses replication incompetent viral vectors in established cell lines to study cell mobility and behavior. In this renewal, experiments with the non-pathogenic yeast *Saccharomyces cerevisiae* are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000882-AM010**

PI Name: Keith Poulsen

Protocol Title: Amendment/Renewal 010 for Wisconsin Veterinary Diagnostic Lab
Diagnostic Testing Services-Madison Lab

Motion: IBC approved protocol

Motion Made By: Amita Kapoor

Motion Seconded By: Donna Neumann

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Peter Halfmann, Abstain

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

Containment Equipment: Not applicable; Biological safety cabinet (BSC); Other -
Oxygen alarm for liquid nitrogen freezer; Chemical fume hood; Biological safety
cabinet (BSC); Other - Downdraft ventilated workstations are used for animal
necropsies.; Not applicable - PCR room; Biological safety cabinet (BSC), Chemical
fume hood; Not applicable; Not applicable; Not applicable; Biological safety
cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC),
Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood;
Biological safety cabinet (BSC); Other - Laminar flow workstations are chemical
hazard abatement devices that move air away from the user across the workstation
and externally vented. Commonly used when working with formalin fixed samples.;
Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Biological
safety cabinet (BSC); Chemical fume hood; Not applicable; Chemical fume hood;
Chemical fume hood; Biological safety cabinet (BSC); Chemical fume hood, Other -
Chemical powder hood; Not applicable; Not applicable; Not applicable; Not
applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Other -
Downdraft ventilated workstations are used for animal necropsies.; Biological safety
cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC),
Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet
(BSC), Chemical fume hood; Not applicable; Not applicable; Not applicable; Not
applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety
cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Biological
safety cabinet (BSC); Not applicable - microscope room; Not applicable; Biological
safety cabinet (BSC), Other - Automated liquid handler with HEPA-filtered enclosed
unit; Chemical fume hood; Biological safety cabinet (BSC); Other - Laminar flow

workstations are chemical hazard abatement devices that move air away from the user across the workstation and externally vented. Commonly used when working with formalin fixed samples.; Other - Enclosure with a secure lid for dermestid colony; Containment not applicable for the digester;

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-1);

Summary of IBC Review: This is a core protocol for the Wisconsin Veterinary Diagnostic Laboratory, which performs diagnostic and surveillance testing on animal and environmental specimens. In this amendment, updates for waste disposal, sample transport, and sample processing are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001038-AM003**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 003 for Evolutionary Disease Ecology using fungal (*Batrachochytrium dendrobatidis*- Bd), protozoal (*Perkinsea*/Novel Alveolate Group 01- NAG01) and viral (Ranavirus- RV) parasites

Motion: IBC approved with contingencies

Motion Made By: Yevgenya Grinblat

Motion Seconded By: Joel Malak

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

ABSL2; ABSL2;

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

Administrative: null

NIH Guidelines:

Summary of IBC Review: The laboratory studies how biodiversity influences community disease risk. In this renewal, experiments with ramshorn snails are proposed. The IBC discussed consolidation of liquid waste prior to inactivation and the potential for parasitic flatworms to cause human disease.

- **Bio Protocol Number: B00001089-AM003**

PI Name: Jim Gern

Protocol Title: Amendment/Renewal 003 for DOP Pediatric Clinical Research Coordination (PCRC) Program Core Lab

Motion: IBC approved with contingencies

Motion Made By: Amita Kapoor

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; Other - Clinical Space; BSL2; Other - Clinical Space; Other - Clinical Space; Other - Clinical Space; BSL2; BSL2;

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

NIH Guidelines Requirements: Proposed work is not subject to the NIH Guidelines.

Administrative: null

NIH Guidelines:

Summary of IBC Review: This is a core protocol for the collection, processing, shipping, and storage of samples from human clinical research studies performed in the Department of Pediatrics. In this amendment, updates to locations and centrifugation practices are proposed. The IBC discussed the use of sealed versus unsealed buckets/rotors during centrifugation.

- **Bio Protocol Number: B00001097-AM006**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 006 for Study of Fungi in the Human Microbiome

Motion: IBC approved protocol

Motion Made By: Joel Malak

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Not applicable; Other - autoclave; Chemical fume hood;

Biological safety cabinet (BSC); Biological safety cabinet (BSC); 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 meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.

NIH Guidelines Requirements: Proposed work meets the requirements set forth in the NIH Guidelines.

Administrative: null

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

Summary of IBC Review: The laboratory studies human commensal and opportunistic fungal pathogens. The laboratory also conducts microbiome research. In this amendment, expression of proteins from *Candida albicans* in *Saccharomyces cerevisiae* to evaluate adhesion of yeast cells to epithelial cells in culture is proposed. Biosafety is adequately addressed.

Carrie Ensrud presented training for the IBC on animal research safety resources.

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Closed Session

Date: 8/20/2025

Present: Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Amita Kapoor, Ryan Stoffel, Garret Suen, Joel Malak, Clint Morgan, Megan Spurgeon, Sabine Pellett

Consultants: Heather Mc Fadden, Carrie Ensrud, John Cejka, Quin Koehl

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

Guests: Sarah Johnson-Schueler, CALS Morgan VanderGiessen, Moore Lab

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 Unanimously adopted.

Institutional Biosafety Committee meeting on (8/6/2025)

Dennis Halterman, abstain

Other business - closed session

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

Review of research protocols - closed session

Review of research amendments - closed session

❏ B00000222-AM013

❏ B00000313-AM017

Announcements

null

The meeting adjourned 2:36 PM

- **Bio Protocol Number: B00000222-AM013**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 013 for Bioengineering and immunological response of the vocal folds and its constituent cells, in vitro

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC),

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

Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.

Facilities: Facilities meet standards set by the IBC or additional controls are used effectively to mitigate risk caused by deviation from the standards.

Required Institutional Training: The PI and laboratory staff have completed required

institutional biosafety training.

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research meets standards set by the IBC.

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.

NIH Guidelines Requirements: Proposed work 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-1-a) (III-D-1-b); (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 laboratory studies extracellular matrix of the vocal fold lamina propria using in vitro, cell culture, and animal models. In this amendment, use of a neurotoxin in mice is proposed. The IBC discussed quantities, transport, and reconstitution of toxin stocks. Clarification is needed for lab versus donor strains of bacteria associated with the larynx.

- **Bio Protocol Number: B00000313-AM017**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 017 for Study of neuroexocytosis and synaptotagmins

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Peter Halfmann

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees:

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

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

Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Other - Baker BioProtect Aerial Sorter; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; 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 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); (III-E-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-8);

Summary of IBC Review: The laboratory studies molecular mechanisms of calcium-triggered release of neurotransmitters from neurons. In this amendment, experiments using a neurotoxin to block voltage-gated channels in cultured neurons are proposed. The IBC discussed training and PPE for work with toxin and replication incompetent viral vectors. The IBC requests review of experiments involving viral vector-based delivery of toxin light chain by the DURC Subcommittee.

Andrea Ladd gave the IBC incident report.