

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date: 7/23/2025

Present: Peter Halfmann, Matt Reynolds, Dennis Halterman, 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, John Cejka, 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, Kathy Krasny, Quin Koehl

Guests:

Call to order: The meeting was called to order by Garret Suen, at Zoom at 1:33PM

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 (7/9/2025)

Clint Morgan, absent Warren Rose, absent Steve Garvis, abstain
Amita Kapoor, abstain Yevgenya Grinblat, abstain

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

Other business - open session

- **Agenda Items - Documents For Open Session:**
- **Executive Summary for H5 HPAI guidance update_071525.docx**
- **H5 HPAI Research Requirements v2_DRAFT_071525.docx**
- **BBP Refresher for IBC_07.23.2025.pdf**

Review of research protocols - open session

☐ **B00001216**

Review of research amendments - open session

☐ **B00000124-AM009**

☐ **B00000126-AM013**

☐ **B00000383-AM006**

☐ **B00000411-AM008**

☐ **B00000448-AM019**

☐ **B00000510-AM016**

☐ **B00000543-AM010**

☐ **B00000545-AM009**

☐ **B00000559-AM012**

☐ **B00000764-AM009**

☐ **B00000825-AM004**

☐ **B00000850-AM004**

☐ **B00000852-AM008**

? **B00000853-AM005**

? **B00001033-AM012**

? **B00001080-AM004**

? **B00001097-AM006**

? **B00001151-AM003**

Announcements

null

The meeting adjourned 2:38PM

- **Bio Protocol Number: B00001216**

PI Name: [REDACTED]

Protocol Title: Functional characterization of enzymes in metabolic 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:

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

Containment Equipment: Biological safety cabinet (BSC); Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Ventilated HEPA-filtered housing or rack system; 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: Administrative revisions are required for approval (e.g., reorganizing information, removing extraneous text, correcting typos, spelling out acronyms).

NIH Guidelines: (III-D-2-a); (III-D-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-3); (III-E); (III-E-3); (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 is a new protocol from a lab that uses cell culture and mouse models to study how the body uses nutrients and natural chemicals to control hunger, energy use, and body weight. Biosafety is adequately addressed. PI status is approved pending upload of a signed PI application.

- **Bio Protocol Number: B00000124-AM009**

PI Name: Robert Landick

Protocol Title: Amendment/Renewal 009 for Biosafety Protocol for Research on Molecular Biology, Biochemistry, and Microbiology of Gene Expression and Bioenergy

Motion: IBC requested to review III-E protocol in full

Motion Made By: Andrea Ladd

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Clint Morgan, absent

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

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

Other - anaerobic chamber; Not applicable; Chemical fume hood; Chemical fume hood; Biological safety cabinet (BSC); Not applicable;

Committee Review: IBC requested to review protocol in full committee.

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-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: A III-D-1 citation was missed during pre-review and this renewal will be brought back to the next IBC meeting for full committee review.

- **Bio Protocol Number: B00000126-AM013**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 013 for Lipid and Energy Metabolism

Motion: IBC approved with contingencies

Motion Made By: Dennis Halterman

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Chemical fume hood; Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood, Other - bioBubble; 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: 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-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-3); (III-E-3); (III-E); (III-E-1); (III-F-8); (III-F-8);

Summary of IBC Review: The laboratory studies physiological functions of fat synthesis enzymes using cell culture and mouse models. In this amendment, changes to disinfectants used for activities with animals are proposed. The IBC discussed use of multiple disinfectants.

- **Bio Protocol Number: B00000383-AM006**

PI Name: Ian Bird

Protocol Title: Amendment/Renewal 006 for Uteroplacental Vascular Network in Health: Endocrine and Physiologic Changes in Function/Dysfunction of Outcomes

Motion: IBC approved with contingencies

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

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

the NIH Guidelines.

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

NIH Guidelines: (III-D-2-a); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-1); (III-E-1); (III-F-8); (III-F-8);

Summary of IBC Review: The laboratory studies signaling events involved in blood vessel dilation and control of cell division during pregnancy. They use placenta, uterine, and umbilical cord samples and cells from humans and sheep. In this renewal, no changes to research are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000411-AM008**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 008 for Small Animal Imaging and Radiotherapy Facility

Motion: IBC approved protocol

Motion Made By: Garret Suen

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

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;

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-D-4-b); (III-E-1); (III-E-1);

Summary of IBC Review: This is the protocol for the Small Animal Imaging and Radiotherapy Facility (SAIRF). This facility performs non-invasive imaging on small animals including mice and rats for therapeutics studies. In this renewal, clarifications are provided regarding containment for control animals. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000448-AM019**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 019 for Multifunctional nanomedicines for drug and biologics delivery - Gong Lab

Motion: IBC approved protocol

Motion Made By: Warren Rose

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

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

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

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

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

institutional biosafety training.

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

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.

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

Administrative: null

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

Summary of IBC Review: This laboratory studies the synthesis and formulation of nanomaterials for drug and gene delivery applications. In this amendment, new experiments with organ-targeted lipid nanoparticles are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000510-AM016**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 016 for Combining Radiation and Immunotherapy to Enhance Antitumor Activity

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: ABSL2; BSL2; ABSL2; ABSL2 - In Vivo Imaging Area; ABSL2; ABSL1; BSL2; ABSL1; BSL2; BSL2; BSL1; BSL2; ABSL2; ABSL1; BSL2; BSL2; BSL2; BSL2; ABSL1; ABSL1; ABSL1; ABSL1; ABSL1; BSL2; BSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; BSL2; ABSL2; ABSL1; BSL2; ABSL2;

Containment Equipment: Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Chemical fume hood; Ventilated HEPA-filtered housing or rack system; Chemical fume hood, Ventilated HEPA-filtered housing or rack system; Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Other - BSC is vented for safer viral work; Chemical fume hood; 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), Ventilated HEPA-filtered housing or rack system; 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), Chemical fume hood; Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; 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: null

NIH Guidelines: (III-D-4-b); (III-D-2-a); (III-D-1-a) (III-D-1-b); (III-E-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8);

Summary of IBC Review: The laboratory studies radiation therapy and immunotherapies for cancer treatment using cell lines and mouse xenograft models. In this renewal, minor updates are proposed to several projects. Revisions are needed for PPE, disinfectants, emergency response, and training for animal work.

- **Bio Protocol Number: B00000543-AM010**

PI Name: Jiaoyang Jiang

Protocol Title: Amendment/Renewal 010 for Investigation of protein post-translational modifications in biology and disease models

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; BSL1; BSL2; BSL1; BSL1; BSL2; BSL1; BSL2; BSL1; BSL2; BSL1; BSL1; BSL2;

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

Summary of IBC Review: The laboratory studies post-translational modifications of proteins using RG1 bacteria and yeast, replication incompetent viral vectors, and human cells. In this renewal, additional gene targets and use of a new cell line are proposed. The laboratory is asked to consider whether Bunsen burner use for yeast work can be replaced with alternatives that do not use flame.

- **Bio Protocol Number: B00000545-AM009**

PI Name: Daniel Noguera

Protocol Title: Amendment/Renewal 009 for Phylogenetic analyses of environmental samples and bioreactors used for nutrient removal and biofuel production

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Dennis Halterman

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Not applicable; Chemical fume hood, Other - BSL-2 work in room 3207 will be performed in a separate glass-door lab area (vented to the roof); Not applicable; Not applicable; Not applicable; Chemical fume hood; Chemical fume hood; Chemical fume hood; Not applicable; Chemical fume hood; Chemical fume hood; Not applicable;

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

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

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

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

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

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

Administrative: null

NIH Guidelines: (III-F-8);

Summary of IBC Review: The laboratory studies activated sludge from wastewater treatment and anaerobic digestion of manure samples from cattle. In this renewal, locations and other details are updated. The IBC discussed the appropriate containment level and risk of exposure to environmental pathogens in manure samples.

- **Bio Protocol Number: B00000559-AM012**

PI Name: Jeniel Nett

Protocol Title: Amendment/Renewal 012 for Mechanisms of Candida biofilm immune evasion

Motion: IBC approved protocol

Motion Made By: Warren Rose

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC) - aerosol management system present; Not applicable;

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

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

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

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

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

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.

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

Administrative: null

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

Summary of IBC Review: This laboratory studies biofilm formation by fungal species on device surfaces. In this renewal, creation of a recombinant Candida strain expressing green fluorescent protein is proposed. This modification is not anticipated to change the pathogenicity. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000764-AM009**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 009 for Analysis of immunology, virology and pathogenesis of virus infections

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; ABSL2; ABSL2; ABSL2 - ABSL2 with enhanced practices; BSL2; ABSL2; BSL2; BSL2; BSL3; BSL2; ABSL2 - ABSL2- Biosafety level 3 practices in ABL2 area; ABSL2; ABSL2; ABSL2; BSL2; BSL2; BSL2; Not applicable (non-laboratory area); ABSL2; BSL2; BSL2; BSL2; BSL2; ABSL2; ABSL2; BSL2; BSL2; BSL3; BSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; ABSL2 - ABSL2+ enhanced biosafety level 2 procedures to protect against exposure to highly infectious agents; BSL3; ABSL2;

Containment Equipment: Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood; Biological safety cabinet (BSC); 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); Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Other - BD FacsJazz Aerosol Mgmt Sys; 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-1-a) (III-D-1-b); (III-F-8);

Summary of IBC Review: The laboratory studies viral pathogenesis during pregnancy and infancy in nonhuman primates. In this amendment, new sample types and an additional inactivation method are proposed. The efficacy of the proposed inactivation method is well supported by published data, but revisions to wording are requested for greater clarity.

- **Bio Protocol Number: B00000825-AM004**

PI Name: Josh Roth

Protocol Title: Amendment/Renewal 004 for Anatomical and Biomechanical Investigations of Human Joints

Motion: IBC approved protocol

Motion Made By: Garret Suen

Motion Seconded By: Joel Malak

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; BSL2; BSL2; BSL2; Other - This clinical room is used for many types of research scanning including sequence development using phantoms and research scans using animals, live humans, and cadaveric tissues.; BSL2;

Containment Equipment: Not applicable; Not applicable; 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 meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.

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

Administrative: null

NIH Guidelines:

Summary of IBC Review: The laboratory performs cadaveric joint research activities including imaging, dissection, mechanical testing, and cryosectioning to determine how disease and injury affect joint function. In this renewal, no changes to the research are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000850-AM004**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 004 for Investigate mechanisms of reproductive tract development

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: Clint Morgan, absent

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

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

Summary of IBC Review: The laboratory studies mechanisms of cell fate determination and differentiation in development and diseases of the reproductive tract organs. They use transgenic mouse and cell culture models. Minor updates were made in this renewal. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000852-AM008**

PI Name: David Kosoff

Protocol Title: Amendment/Renewal 008 for Therapeutic Targeting of the Tumor Microenvironment in Prostate Cancer

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: Clint Morgan, absent

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

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

Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable;

Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable;

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

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

Required Institutional Training: The PI and/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-E-1);

Summary of IBC Review: The laboratory studies therapeutic resistance in prostate cancer using human cell lines. In this amendment, experiments with cell lines that have been recombinantly modified by a collaborator using replication incompetent lentivirus are proposed. Revisions are requested to clarify that the laboratory will not work directly with lentivirus. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000853-AM005**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 005 for Eliminating pathogens in meat and meat carcass lymph nodes

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: Warren Rose, absent

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

Containment Equipment: Other - Individual animals received in a BSL2 transport cart.; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Other - Incubator; Not applicable;

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

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

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

institutional biosafety training.

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

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

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

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

NIH Guidelines:

Summary of IBC Review: The laboratory studies methods for reducing food-borne pathogens in meat animals. In this renewal, no changes to the research are proposed. The IBC agreed with Office of Biological Safety recommendations regarding PPE, spill procedures, and signage.

- **Bio Protocol Number: B00001033-AM012**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 012 for Virus-cell interaction in herpesvirus and influenza A virus infection

Motion: IBC approved with contingencies

Motion Made By: Matt Reynolds

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Warren Rose, absent

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

Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC), Other - Aerosol lids for centrifuge; Chemical fume hood, Other - Aerosol lids for centrifuge; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Other - bioBubble; Not applicable; Other - Aerosol lids for centrifuge; 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-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-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); (III-E-1); (III-E); (III-E-1); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: The laboratory studies how viruses control protein production in host cells and prevent activation or anti-viral immune responses. In this renewal, a new project investigating the effect of sequence variations on the function of influenza polymerase is proposed. Recombinant proteins will be expressed in cells and none will be introduced into influenza viruses. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001080-AM004**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 004 for Gene Regulatory Mechanisms
Mediating Homeostasis and Neurodegenerative Disease

Motion: IBC requested to review III-E protocol in full

Motion Made By: Andrea Ladd

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Clint Morgan, absent

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

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

Other - Downdraft Tables;

Committee Review: IBC requested to review protocol in full committee.

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

Summary of IBC Review: This amendment was assigned as a III-E protocol in error and the IBC voted that it come back to the next IBC meeting for full committee review.

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

PI Name: [REDACTED]

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

Motion: IBC approved with contingencies

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 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-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 the mechanisms underlying phenotypic diversity in *Candida albicans* using genetic, molecular, and cell biology approaches. An additional project investigates wastewater testing as part of a surveillance project for the Cheyenne River Sioux Tribe in South Dakota. In this amendment, activities with an RG2 parasite and environmental soil samples are proposed. A change in PPE is also proposed. The IBC requests revisions to emergency response procedures and minor clarifications.

- **Bio Protocol Number: B00001151-AM003**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 003 for Virus-Host Interactions of DNA Tumor Viruses

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; ABSL2; ABSL1; ABSL2; BSL2; BSL2; BSL2; ABSL2; BSL1; BSL2; ABSL2; BSL1; ABSL2; BSL2; BSL1; ABSL2; ABSL1; BSL1; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL1; BSL2; BSL1; ABSL2; ABSL2; ABSL2;

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

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

(BSC), Chemical fume hood, Other - Flexible-film Isolator Housing / experimental isolators;

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-D-3-a) (III-D-3-b) (III-D-3-e); (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 human tumor viruses using cell culture and mouse models. In this amendment, experiments in which nonrecombinant RG1 and RG2 microbes will be administered to germ-free mice at the UW Gnotobiotic Shared Facility are proposed. Biosafety is adequately addressed.

Tara Schnell presented refresher training for the IBC on bloodborne pathogen plans in Bio-ARROW.

The IBC voted unanimously to adopt revisions to the “Requirements for H5 Highly Pathogenic Avian Influenza Research” guidance. The revisions update the containment levels and practices for work with different categories of samples from susceptible species with unknown HPAI status. Andrea Ladd made the motion. Joel Malak seconded the motion.

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Closed Session

Date: 7/23/2025

Present: Peter Halfmann, Matt Reynolds, Dennis Halterman, 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, John Cejka, 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, Kathy Krasny, Quin Koehl

Guests:

Call to order: The meeting was called to order by Garret Suen, at Zoom at 1:33PM

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 (7/9/2025)

Clint Morgan, absent Steve Garvis, abstain Amita Kapoor, abstain Yevgenya Grinblat, abstain

Other business - closed session

- **Agenda Items - Documents For Closed Session:**
- **IBC_Agenda_072325.docx**

Review of research protocols - closed session

Review of research amendments - closed session

❓ B00000103-AM021

🔍 **B00000839-AM018**

🔍 **B00000897-AM007**

🔍 **B00001032-AM003**

Announcements

null

The meeting adjourned 2:38PM

- **Bio Protocol Number: B00000103-AM021**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 021 for WNPRC/SPI Project Support for Non-UW Investigators

Motion: IBC approved with contingencies

Motion Made By: Matt Reynolds

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees:

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

ABSL2; ABSL2; BSL2; ABSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; ABSL2;

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

Biological safety cabinet (BSC), 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 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, a project to evaluate the safety and immune response of vaccine candidates expressing antigens against yellow fever, zika, and chikungunya viruses in non-human primates is proposed. Challenge experiments are not proposed. The IBC discusses additional details and clarifications that are needed, but no biosafety concerns were noted for the added materials.

- **Bio Protocol Number: B00000839-AM018**

PI Name: Jocelyn Hemming

Protocol Title: Amendment/Renewal 018 for Evaluation of Water for Pathogenic Microorganisms

Motion: IBC approved with contingencies

Motion Made By: Amita Kapoor

Motion Seconded By: Peter Halfmann

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL2; BSL2; Not applicable (non-laboratory area); Not applicable (non-laboratory area); BSL2; BSL1, Other - Room does not contain sink, will have portable sink with 5 gallon capacity and eye wash attachment. . Will contain dead air box; Not applicable (non-laboratory area); BSL2; BSL2; Not applicable (non-laboratory area); BSL2; BSL2; BSL2; BSL1; BSL2;

Containment Equipment: Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Other - Dead air box; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Other - Dead air box; Other - Dead air box;

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

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

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

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

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

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

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

Administrative: null

NIH Guidelines: (III-F-1);

Summary of IBC Review: This protocol is for the Environmental Microbiology section at the Wisconsin State Lab of Hygiene, which runs a wastewater surveillance program for pathogenic microorganisms. In this renewal, the IBC discussed containment for centrifugation of wastewater samples. The IBC discussed centrifugation practices and spill responses. Renewal of PI status was approved.

- **Bio Protocol Number: B00000897-AM007**

PI Name: Cindy Austin

Protocol Title: Amendment/Renewal 007 for Microbiological Safety of Protein-Based Foods

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Clint Morgan, absent

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

Containment Equipment: Not applicable; Biological safety cabinet (BSC), Chemical fume hood; 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 is not subject to the NIH Guidelines.

Administrative: null

NIH Guidelines:

Summary of IBC Review: The laboratory studies bacterial pathogens in food with the goal of improving the formulation, processing, and inactivation methods to enhance safety of meat, poultry, and meat analog products. In this amendment, a change in PI is proposed. Activities proposed outside of containment must be performed in a BSC or justification must be provided and additional PPE added to prevent possible mucosal exposure (i.e., face shield or surgical mask). The PI status was approved.

- **Bio Protocol Number: B00001032-AM003**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 003 for Microbiome and epithelial determinants of tissue immunity

Motion: IBC approved with contingencies

Motion Made By: Warren Rose

Motion Seconded By: Sabine Pellett

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Clint Morgan, absent

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

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

Summary of IBC Review: The laboratory studies epithelial barriers using primary cell and mouse models. In this renewal, no changes to the research are proposed.

Clarifications are requested for ABSL1 work and spill procedures that do not require evacuation.

Andrea Ladd gave the IBC incident report.