

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date:	7/1/2026
Present:	Matt Reynolds, Dennis Halterman, Yevgenya Grinblat, Andrea Ladd, Warren Rose, Andy Attwood, Ryan Stoffel, Garret Suen, Ryan Behrens, Barak Blum, Sabine Pellett, Steve Garvis
Consultants:	Lissa Koop, Darren Berger, Christina Pier, Heather Mc Fadden, Carrie Ensrud, Jennifer Wang, Quin Koehl
OBS:	TJ Whyte, Karen Demick, Christina Pier, Andrea Ladd, Louise Meske, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Donald Busalacchi, Carrie Ensrud, Matthew Dutcher, Kathy Krasny, Quin Koehl
Guests:	Thomas Friedrich, Friedrich Lab Suzana Salcedo, Salcedo Lab Rory Holland, URP Lyndon Tuffuo, VA Hospital Sarah Johnson, CALS
Call to order:	The meeting was called to order by Garret Suen, at Zoom at 1:33 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 (6/3/2026) Absent: Warren Rose, Dennis Halterman
Approval of Registered Protocols:	A motion to approve registered protocols was Unanimously adopted Absent: Warren Rose, Dennis Halterman

Other business - open session

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

- **List of Registered Protocols_050626-060326_AM.xlsx**
- **List of Registered Protocols_050626-060326_GP.xlsx**

Review of research protocols - open session

 **B00001269**

 **B00001270**

 **B00001279**

Review of research amendments - open session

 **B00000095-AM026**

 **B00000220-AM010**

 **B00000267-AM013**

 **B00000272-AM023**

 **B00000319-AM032**

 **B00000553-AM007**

 **B00000559-AM014**

 **B00000623-AM016**

 **B00000764-AM010**

 **B00001072-AM002**

 **B00001130-AM007**

 **B00001174-AM003**

 **B00001243-AM002**

Announcements

null

The meeting adjourned 4:00 pm

- **Bio Protocol Number: B00001269**

PI Name: [REDACTED]

Protocol Title: Molecular Pathogenesis of Emerging infections for RG3 Organisms at SVM North

Motion: IBC approved with contingencies

Motion Made By: Matt Reynolds

Motion Seconded By: Sabine Pellett

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Dennis Halterman

Biosafety Level: BSL3; ABSL3; BSL3; Other - Gown/Anteroom; ABSL3, BSL3; ABSL3, BSL3;

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

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

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

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

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

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

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

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

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

Summary of IBC Review: This is a new protocol from the Talaat Lab to move existing BSL3 mycobacterial work into a new building space ABSL3/BSL3. There are no significant changes in this protocol compared to the work performed at the previous lab location. The IBC discussed minor administrative updates, clarification of inactivation methods used, evacuation exit procedures and additional spill

procedure details. IBC requests an OBS visit prior to commencement of work in the new building lab space.

- **Bio Protocol Number: B00001270**

PI Name: [REDACTED]

Protocol Title: [REDACTED] lab BSL3 protocol

Motion: IBC approved with contingencies

Motion Made By: Ryan Behrens

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Dennis Halterman, Matt Reynolds

Biosafety Level: BSL3; BSL3; BSL3; BSL3; BSL3;

Containment Equipment: 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-2-a); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-7); (III-E-1); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This is a new biosafety protocol for the Friedrich BSL3 lab which has moved to a new building and lab space. The lab operates Virology Services, producing and titrating MPox stocks for use by other researchers. The IBC discussed BSL3 manual minor changes and minor congruency edits between the

protocol and manual to be addressed. IBC requests an OBS visit prior to commencement of work in the new building laboratory space.

- **Bio Protocol Number: B00001279**

PI Name: [REDACTED]

Protocol Title: Study of Brucella spp pathogenesis

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Warren Rose

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL3; BSL3; BSL3; BSL3; ABSL3; BSL3; ABSL3; ABSL3;

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

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

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

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

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

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

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

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

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

Summary of IBC Review: This is a new protocol for the Salcedo lab to move existing Brucella spp. Work into a new building and laboratory space. The IBC discussed PPE usage, spill procedures outside containment, evacuation exit procedures, disinfectant usage and edits to BSL3 manual for clarification & consistency with

ABSL3. IBC requests an OBS visit prior to commencement of work in the new building laboratory space.

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

PI Name: [REDACTED]

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

Motion: IBC tabled the protocol

Motion Made By:

Motion Seconded By:

Committee Action: Other

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Other - Vented cabinet and backdraft table; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Other - down draft table for tissue trimming; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC); Other - No aerosol generation. Non-fixed samples are never opened and contained in original container (e.g. 6-well plate, 10cm dish); Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Other - Other - No aerosol generation. Non-fixed samples are never opened and contained in original container (e.g. 6-well plate, 10cm dish); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Other - Robots will do isolations of DNA/RNA from samples like

Maxwell, MaxPrep, and KingFisher;

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

Facilities: null

Required Institutional Training: null

Lab-specific Training and Expertise: null

PPE, Controls, and Practices: null

NIH Guidelines Requirements: null

Administrative: null

NIH Guidelines: (III-D-4-b); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This lab's research is to significantly advance the clinical use of stem cells through the development of novel sources. This amendment proposes to add SIV/SHIV studies in mice. IBC tabled the protocol due to insufficient information to perform a risk assessment.

- **Bio Protocol Number: B00000220-AM010**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 010 for Sleep deprivation and its effects on synaptic plasticity and neuronal excitability

Motion: IBC approved protocol

Motion Made By: Andrea Ladd

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Dennis Halterman

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

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

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

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

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

institutional biosafety training.

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

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

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

Administrative: null

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

Summary of IBC Review: This lab studies sleep deprivation and its effects on synaptic plasticity and neuronal excitability. In this amendment PI approval and room changes are proposed. The IBC had no biosafety concerns.

- **Bio Protocol Number: B00000267-AM013**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 013 for Pathogenesis, immunology and drug discovery related to fungal infections by *Blastomyces dermatitidis* and other fungi.

Motion: IBC approved with contingencies

Motion Made By: Warren Rose

Motion Seconded By: Sabine Pellett

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: ABSL2; BSL2; ABSL3; ABSL3; ABSL2; BSL3; Other - Anteroom; BSL2; BSL2; BSL2; Other - BSL3 anteroom; ABSL2; Not applicable (non-laboratory area); BSL2; ABSL1; Not applicable (non-laboratory area); BSL2; BSL2; BSL2; BSL2; BSL2; BSL2;

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

Committee Review: The IBC has reviewed the locations, activities, and agents involved in the proposed work. The IBC considered agent characteristics including

but not limited to pathogenicity, stability, and source and nature of recombinant and synthetic nucleic acids and their expressed products, as applicable.

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

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

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

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

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

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

NIH Guidelines: (III-D-4-b); (III-D-2-a); (III-D-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); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: The Klein Lab studies the disease-causing genes of *Blastomyces* and collaborates in projects aimed at discovering anti-fungal drugs.

The amendment includes revisions to spill protocols, PPE don/doff procedures, BSL3 manual and mouse carcass disposal as highlighted in the recent BSL3 inspection review. The IBC discussed the use of scrubs for the ABSL3 space.

- **Bio Protocol Number: B00000272-AM023**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 023 for Designing protein-based small molecule sensors and engineering phage

Motion: IBC approved with contingencies

Motion Made By: Steve Garvis

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC), Other - Ventilated

enclosure (i.e. bioBubble enclosure); Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable - SAIRF location for animal imaging; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Chemical fume hood; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Chemical fume hood; Chemical fume hood; Biological safety cabinet (BSC);

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

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

Required Institutional Training: The PI and/or laboratory staff must complete required institutional biosafety training. Final approval will be withheld until required biosafety training is complete.

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

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

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

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

NIH Guidelines: (III-B-1); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E); (III-E); (III-E-1); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: The Raman laboratory develops technologies at the intersection of biochemistry, microbiology, computation, and engineering to understand the fundamental principles of biomolecular and cellular systems. This amendment proposes to add genes & gene information, biotoxins, microbes, and update spill and transport procedures. The IBC discussed spill procedures.

- **Bio Protocol Number: B00000319-AM032**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 032 for Chemical and Morphological

Development in Fungi

Motion: IBC approved with contingencies (protocol must go back to IBC reviewers)

Motion Made By: Dennis Halterman

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

Containment Equipment: Not applicable; Biological safety cabinet (BSC); Chemical fume hood - Clean Air Device (CAD); Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Chemical fume hood; Not applicable; Not applicable;

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

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

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

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

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

NIH Guidelines Requirements: Proposed work may require NIH approval under the NIH Guidelines. A Minor Action will be submitted if needed. Final approval will be withheld until NIH approval is granted.

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-1-a)(III-D-1-b); (III-E-2-b-3); (III-E-2-b-4)(III-E-2-b-5); (III-E); (III-E-3); (III-E); (III-F-8); (III-F-8);

Summary of IBC Review: The Keller lab studies the production of detrimental and beneficial compounds by fungi. The amendment is to add work with *C. elegans* and with apples to the protocol. The IBC discussed clarifications that would be needed.

The IBC discussed the possible requirement for a Minor Action request to be submitted for work with flatworms administered RG1 microbes at BSL1.

- **Bio Protocol Number: B00000553-AM007**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 007 for MAMMALIAN LACTATION PHYSIOLOGY

Motion: IBC approved with contingencies (protocol must go back to IBC reviewers)

Motion Made By: Sabine Pellett

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

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

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

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

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

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

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

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

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

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

Summary of IBC Review: The Hernandez lab studies serotonin and selective serotonin reuptake inhibitors (SSRIs) influence on mammary cell regulation, milk production, bone density, and reproduction. This amendment proposes the

administration of LPS to dairy cattle at BLS2 and ABSL1 to assess immune responsiveness. The IBC discussed PPE and containment for work with LPS & toxins, disinfection methods, and emergency procedures.

- **Bio Protocol Number: B00000559-AM014**

PI Name: Jeniel Nett

Protocol Title: Amendment/Renewal 014 for Mechanisms of Candida biofilm immune evasion

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

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

Summary of IBC Review: The Nett lab studies biofilms and skin colonization using

various microorganisms and models, including various cell lines and mammalian skin. This amendment proposes the addition of two new projects, which include studying interactions between *Salmonella enterica* and neutrophils and expression of *Candida* spp. genes in *S. cerevisiae* via expression plasmid. The IBC discussed minor administrative contingencies to be addressed.

- **Bio Protocol Number: B00000623-AM016**

PI Name: Karla Esbona

Protocol Title: Amendment/Renewal 016 for Translational Science BioCore

Motion: IBC approved protocol

Motion Made By: Andrea Ladd

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Dennis Halterman

Biosafety Level: BSL1; BSL1; BSL1; BSL2;

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

Biological safety cabinet (BSC), Chemical fume hood;

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

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

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

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

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

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

Administrative: null

NIH Guidelines:

Summary of IBC Review: PI Status is Approved. This is a protocol for the Translational Research Initiatives in Pathology Laboratory (TRIP Lab). TRIP combined with the Biobank comprise the Translational Science BioCore (TSB). In this amendment the proposed changes include a clarified scientific objective, addition

of cryosectioning activities and practices, an update to their specimen submission guide, DNA extraction practices and updates to equipment in use. The IBC had no biosafety concerns.

- **Bio Protocol Number: B00000764-AM010**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 010 for Analysis of immunology, virology and pathogenesis of virus infections

Motion: IBC approved with contingencies (protocol must go back to IBC reviewers)

Motion Made By: Ryan Behrens

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Ryan Stoffel

Biosafety Level: BSL2, Other - This is a BSL2+ Lab; BSL2; ABSL2; ABSL2; ABSL2 - ABSL2 with enhanced practices; BSL2; ABSL2; BSL2; BSL2; 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; ABSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; ABSL2 - ABSL2+ enhanced biosafety level 2 procedures to protect against exposure to highly infectious agents; ABSL2; Other - BSL2+; BSL2, Other - BSL2+;

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

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

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

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

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

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

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

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

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

Summary of IBC Review: The Mohr lab studies the impact of infectious disease on pregnancy and infancy using primate models. This amendment proposes to add two new projects: the use of uninfected macaque placental explants and work with *Klebsiella pneumoniae*. The IBC discussed edits to the BSL2 with BSL3 practices manual, secondary containment practices, regular biohazard waste removal, viral propagation procedures, and usage of the shared lab space.

- **Bio Protocol Number: B00001072-AM002**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 002 for Function of Steroid Hormones and Disease Progression in Mouse and Human cells

Motion: IBC approved with contingencies

Motion Made By: Matt Reynolds

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Ryan Stoffel

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

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

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

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

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

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

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

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

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

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

NIH Guidelines: (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-E-3); (III-E-3); (III-E-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8);

Summary of IBC Review: The Meyer lab works to determine the similarities and differences in Vitamin D gene regulation by hormones and cytokines. This amendment proposes to add a new project working with RG2 influenza. This amendment also removes Diphtheria toxin work. The IBC had no additional biosafety concerns.

- **Bio Protocol Number: B00001130-AM007**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 007 for Center for Biomedical Swine Research and Innovation Animal & Cadaver Lab Biosafety Protocol

Motion: IBC approved with contingencies

Motion Made By: Barak Blum

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Ryan Stoffel

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

Containment Equipment: Other - BioSpherix Xvivo System 3; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Biological

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

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

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

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

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

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

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

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

NIH Guidelines: (III-D-4-b); (III-D-4) (III-D-4-a) (III-D-4-b); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-4-a)(III-D-4-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-D-4-c-(3)) (III-D-5) (III-D-8); (III-E-1); (III-F-1);

Summary of IBC Review: This is an amendment from the Center for Biomedical Swine Research and Innovation (CBSRI) creates models of human disease in swine utilizing gene technologies and surgical approaches. This amendment proposes to add a BioSpherix X3 closed system. The IBC had minor contingencies related to disinfection.

- **Bio Protocol Number: B00001174-AM003**

PI Name: Aarushi Bhargava

Protocol Title: Amendment/Renewal 003 for acoustic cavitation biomechanics

Motion: IBC approved with contingencies

Motion Made By: Barak Blum

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Ryan Stoffel

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

Containment Equipment: Not applicable; Not applicable; Biological safety cabinet (BSC); Chemical fume hood; Not applicable; Other - has it ozone containment system built in to neutralize the ozone and convert it to oxygen; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Other - A liquid nitrogen dewar for storing cells; Not applicable;

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

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

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

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

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

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

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

NIH Guidelines: (III-D-2-a); (III-D-1-a) (III-D-1-b); (III-E-1); (III-E-1); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: The Bhargava lab studies interactions between sound waves and soft materials, including tissues and cells. This amendment proposes to add lentiviral viral vectors, human blood, and updates to locations for an upcoming lab relocation. The IBC discussed minor clarifications of biosafety practices and containment.

- **Bio Protocol Number: B00001243-AM002**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 002 for Analysis of Immunology, Virology, Genetics, and Pathogenesis of SIV- and Mtb-infected Macaques and also Environmental Virus Surveillance - ELEMENTS

Motion: IBC approved with contingencies

Motion Made By: Yevgenya Grinblat

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Ryan Stoffel Abstain: Matt Reynolds

Biosafety Level: BSL2; BSL2, Other - BSL2+; BSL2; BSL2; BSL2, Other - BSL2+; ABSL2; BSL2; ABSL2; ABSL2; BSL2; BSL2; ABSL2, BSL2; ABSL2; ABSL2; ABSL2, BSL2; ABSL2; ABSL2; BSL2; BSL2; BSL2; BSL2;

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

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

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

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

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

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

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

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

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

Summary of IBC Review: This lab studies non-human primates infected with simian immunodeficiency virus (SIV) or M. tuberculosis assessing the elicited immune responses, infection routes, and how the pathogens avoid host immune responses.

This amendment proposes the addition of activities with pathogenic *Escherichia coli*. The IBC discussed the need for the research description to be edited for consistency with other protocol sections describing work performed.

The IBC voted unanimously that in the event of unforeseen delays in registration of the new SVM BSL3 biosafety protocols, materials could be moved into the new BSL3 space prior to registration of the biosafety protocol on condition that the Office of Biological Safety determines the space is ready to safely store materials (i.e., security and containment are fully functional). No active work can commence until the protocols are fully approved and registered. Motion was made by Andrea Ladd and seconded by Garret Suen.

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Closed Session

Date: 7/1/2026

Present: Matt Reynolds, Dennis Halterman, Yevgenya Grinblat, Andrea Ladd, Warren Rose, Andy Attwood, Ryan Stoffel, Garret Suen, Ryan Behrens, Barak Blum, Sabine Pellett, Steve Garvis

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

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

Guests: Sarah Johnson, CALS

Call to order: The meeting was called to order by Garret Suen, at Zoom at 1:33 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 (6/3/2026)

Absent: Warren Rose, Dennis Halterman

Other business - closed session

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

Review of research protocols - closed session

❓ **B00001271**

Review of research amendments - closed session

❓ **B00000929-AM033**

🔍 B00000934-AM014

Announcements

null

The meeting adjourned 4:00 pm

- **Bio Protocol Number: B00001271**

PI Name: Kari Wisinski

Protocol Title: UW26027: Multiantigen Vaccine [REDACTED] for Adj Treatment of Residual Triple-Negative Breast Cancer

Motion: IBC approved with contingencies

Motion Made By: Barak Blum

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Dennis Halterman

Biosafety Level: BSL2; BSL2; BSL2; BSL2; Not applicable (non-laboratory area); Not applicable (non-laboratory area); BSL2; Not applicable (non-laboratory area), Other - Clinical Space; BSL2;

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

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

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

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

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

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

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

the NIH Guidelines.

Administrative: null

NIH Guidelines: (III-C-1);

Summary of IBC Review: This is a new protocol for a lab conducting a breast cancer vaccine clinical trial. The IBC discussed respiratory protection and PI Status is approved.

- **Bio Protocol Number: B00000929-AM033**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 033 for Studies of Viral Pathogenesis in the [REDACTED] Laboratory

Motion: IBC approved protocol

Motion Made By: Matt Reynolds

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Dennis Halterman

Biosafety Level: Not applicable (non-laboratory area); BSL2; BSL1; BSL2; BSL2; BSL3; BSL1; BSL2; BSL2; BSL2; BSL2; ABSL3; BSL1; BSL1; BSL1; ABSL2;

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

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

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

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

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

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

the standards.

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

Administrative: null

NIH Guidelines: (III-D-2-a); (III-D-2-a); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-3); (III-E); (III-E-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8);

Summary of IBC Review: The Bailey lab studies global viral infectious diseases to determine how the viruses cause disease and how they evade the immune system. This amendment proposes the addition of two new projects: LDV-infected mice and engineered LDV for susceptibility and immunity studies. The IBC had no biosafety concerns.

- **Bio Protocol Number: B00000934-AM014**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 014 for Regulation and Analysis of Toxins

Motion: IBC approved protocol

Motion Made By: Andrea Ladd

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Dennis Halterman

Abstain: Sabine Pellett, Barak Blum

Biosafety Level: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL3; BSL2; ABSL2

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

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

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

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

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

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls meet the standards set by the IBC for the proposed materials and activities

or additional controls are used effectively to mitigate risk caused by deviation from the standards.

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

Administrative: null

NIH Guidelines: (III-B-1); (III-D-1-a)(III-D-1-b); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-6); (III-E); (III-E-1); (III-E-1); (III-F-1); (III-F-8); (III-F-8)

Summary of IBC Review: Research in this laboratory focuses on select agent and non-select agent clostridial neurotoxins. The select agent work has been approved by the Federal Select Agent Program. In this amendment, the addition of plant pathogens is proposed. The plant pathogens will be in storage only. Biosafety is adequately addressed.

Andrea Ladd gave the IBC Incident Report.

TJ Whyte gave the IBC DURC Report.