

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date:	3/4/2026
Present:	Peter Halfmann, Matt Reynolds, Yevgenya Grinblat, Warren Rose, Amita Kapoor, Stephanie Kutz, Andy Attwood, Gregory Gauthier, Ryan Stoffel, Marta Gaglia, Garret Suen, Joel Malak, Clint Morgan, Ryan Behrens, Sabine Pellett, Steve Garvis
Consultants:	Tony Mcgrath, Lissa Koop, Darren Berger, Christina Pier, Heather Mc Fadden, Carrie Ensrud, Jennifer Wang, Quin Koehl
OBS:	Tony Mcgrath, TJ Whyte, David Dyer, Karen Demick, Christina Pier, Louise Meske, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Donald Busalacchi, Carrie Ensrud, Kathy Krasny, Quin Koehl
Guests:	WVDL: Ailam Lim, Audrey Dikkeboom, Eryn Opgenorth AVRL/GIDL: David O'Connor, Shelby O'Connor, Thomas Friedrich, Dawn Dudley Lyndon Tuffuo, VA Safety Officer Sarah Johnson, CALS
Call to order:	The meeting was called to order by Garret Suen, at Zoom at 1:30pm
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 (2/4/2026) Absent: Warren Rose, Yevgenya Grinblat, Greg Gauthier
Approval of Registered Protocols:	A motion to approve registered protocols was Unanimously adopted Absent: Warren Rose, Yevgenya Grinblat, Greg Gauthier

Other business - open session

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

- **List of Registered Protocols_010726-020426_AM.xlsx**
- **List of Registered Protocols_010726-020426_GP.xlsx**

Review of research protocols - open session

 **B00001242**

 **B00001243**

 **B00001244**

 **B00001247**

 **B00001250**

Review of research amendments - open session

 **B00000034-AM016**

 **B00000195-AM015**

 **B00000233-AM014**

 **B00000310-AM014**

 **B00000402-AM021**

 **B00000429-AM018**

 **B00000604-AM006**

 **B00000674-AM008**

? **B00000739-AM009**

? **B00000903-AM005**

? **B00000933-AM006**

? **B00000988-AM005**

? **B00001100-AM015**

? **B00001120-AM004**

? **B00001157-AM005**

Announcements

null

The meeting adjourned 4:17pm

- **Bio Protocol Number: B00001242**

PI Name: [REDACTED]

Protocol Title: Immunity, pathogenesis, and evolution of RNA viruses

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

Motion Made By: Marta Gaglia

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Matt Reynolds, Peter Halfman Absent:

Greg Gauthier, Yevgenya Grinblat, Warren Rose, Steve Garvis, Amita Kapoor, Joel Malak

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

ABSL2; Other - This is a BSL2+ lab; ABSL2; BSL2; ABSL2; BSL2; BSL2; BSL2; BSL2;

Other - BSL2+; ABSL2; ABSL2; BSL2; Other - BSL2+; ABSL2;

Containment Equipment: Not applicable; Not applicable; Not applicable; Not

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

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

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

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

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research deviate from standards set by the IBC. Revisions are required for approval.

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

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

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

NIH Guidelines: (III-D-2-a); (III-D-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 protocol. The laboratory studies immunity pathogenesis and evolution of RNA viruses. IBC General Discussion: GIDL (AVRL move to Element Labs) lab: Multiple labs/protocols will have shared BSL2 with BSL3 practices lab manuals & collaborations. IBC discussed sharps handling, signage, autoclave inactivation, procedure space designation, waste disposal, PPE usage, containment practices and coordination of training for WRNPC staff.

- **Bio Protocol Number: B00001243**

PI Name: [REDACTED]

Protocol Title: Analysis of Immunology, Virology, Genetics, and Pathogenesis of SIV- and Mtb-infected Macaques and also Environmental Virus Surveillance - ELEMENTS
Motion: IBC approved with contingencies (protocol must go back to IBC reviewers)

Motion Made By: Marta Gaglia

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Matt Reynolds, Peter Halfman Absent: Greg Gauthier, Yevgenya Grinblat, Warren Rose, Steve Garvis, Amita Kapoor, Joel Malak

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

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

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

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

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

NIH Guidelines: (III-D-2-a); (III-D-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 is a new protocol. The laboratory is focused on studying immune responses to HIV/SIV and Mtb using primate models and also on detecting pathogens from air samples in the community. IBC General Discussion: GIDL (AVRL move to Element Labs) lab: Multiple labs/protocols will have shared BSL2 with BSL3 practices lab manuals & collaborations. IBC discussed sharps handling, signage, autoclave inactivation, procedure space designation, waste disposal, PPE usage, containment practices and coordination of training for WRNPC staff.

- **Bio Protocol Number: B00001244**

PI Name: [REDACTED]

Protocol Title: Immunology Services Unit Biosafety Protocol

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

Motion Made By: Ryan Behrens

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Matt Reynolds Absent: Greg Gauthier, Yevgenya Grinblat, Warren Rose, Steve Garvis, Amita Kapoor, Joel Malak

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

Containment Equipment: 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); 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; Not applicable;

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

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

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

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research deviate from standards set by the IBC. Revisions are required for approval.

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

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

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

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

Summary of IBC Review: This is a new protocol for Immunology Services at the National Primate Research Center (WNPRC). The laboratory analyzes immunology, virology, genetics and pathogenesis of SIV- and Mtb-infected primates as well as environmental virus surveillance. IBC General Discussion: GIDL (AVRL move to Element Labs) lab: Multiple labs/protocols will have shared BSL2 with BSL3 practices lab manuals & collaborations. IBC discussed sharps handling, signage, autoclave inactivation, procedure space designation, waste disposal, PPE usage, containment practices and coordination of training for WRNPC staff.

- **Bio Protocol Number: B00001247**

PI Name: [REDACTED]

Protocol Title: Identifying immune responses to viral and host antigens - Elements
Motion: null

Motion Made By: null

Motion Seconded By: null

Committee Action: null

Nay Votes, Abstentions, Absentees:

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

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

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

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

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

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

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

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research deviate from standards set by the IBC. Revisions are required for approval.

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

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

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

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

Summary of IBC Review: This is a new protocol. This laboratory studies a large number of emerging pathogens, with much of the work done in NHP and cell culture models. IBC General Discussion: GIDL (AVRL move to Element Labs) lab: Multiple labs/protocols will have shared BSL2 with BSL3 practices lab manuals & collaborations. IBC discussed sharps handling, signage, autoclave inactivation, procedure space designation, waste disposal, PPE usage, containment practices and coordination of training for WRNPC staff.

- **Bio Protocol Number: B00000034-AM016**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 016 for Pathogenesis, Immunity and Treatment of Bacterial Infections

Motion: IBC approved protocol

Motion Made By: Warren Rose

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier

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

Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); 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-D-4-b); (III-D-2-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-1-a) (III-D-1-b); (III-E); (III-E-1); (III-E-1); (III-F-8); (III-F-8);

Summary of IBC Review: This laboratory studies the pathogenesis of different pathogens, focusing mainly on *Listeria*. In this amendment the addition of a

collection of clinical isolates of *L. monocytogenes* to be used to determine how genetic background of the strain impacts the virulence potential of the bacteria is proposed. The IBC discussed the addition of these isolates.

- **Bio Protocol Number: B00000195-AM015**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 015 for Mechanotransduction and the Regulation of Skeletal Muscle Mass

Motion: IBC approved with contingencies

Motion Made By: Amita Kapoor

Motion Seconded By: Steve Garvis

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier

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

Containment Equipment: Not applicable; Biological safety cabinet (BSC); Other - Contains an autoclave for the disinfection of animal bedding and cages ; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Other - Contains an autoclave for the disinfection of biohazardous materials; 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).

in the conduct of research meets standards set by the IBC.

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

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

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

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

Summary of IBC Review: The laboratory studies the molecular biology of virus replication and virus-host interactions primarily involving non-pathogenic or replication-deficient viruses. In this amendment, updated PPE, containment and addition of a replication-competent RG2 virus is proposed. The IBC discussed the PPE and containment practices for the new virus addition.

- **Bio Protocol Number: B00000310-AM014**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 014 for Host-Virus Interactions of Human and Simian Immunodeficiency Viruses

Motion: IBC approved with contingencies

Motion Made By: Marta Gaglia

Motion Seconded By: Peter Halfmann

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Matt Reynolds, Ryan Behrens Absent: Greg Gauthier, Yevgenya Grinblat, Warren Rose, Steve Garvis, Amita Kapoor, Joel Malak

Biosafety Level: BSL3; BSL2-P; Not applicable (non-laboratory area); BSL2; BSL2; ABSL2; Other - ABSL-2 with BSL-3 level practices observed during SIV and SHIV inoculation, with heightened PPE including Tyvek suit, extra disposable shoe coverings. During infection N95 masks or PAPR are worn.; ABSL2; BSL2; BSL1; ABSL2; ABSL2; BSL2; ABSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; BSL3; BSL2; BSL3; ABSL2; BSL2; Not applicable (non-laboratory area); BSL2; ABSL2; BSL2; ABSL2; ABSL2; BSL3; BSL2; ABSL2; BSL2-P; ABSL2; BSL2; BSL2; BSL2; BSL2; Other - Room contains freezers for biological sample storage ; BSL2; BSL2-P;

Containment Equipment: Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable;

Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Other - Chemical fume hood has not been certified since the building was vacated in 2009. It will be re-certified before being used.; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Other - down-draft table available; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Other - back-draft table for tissue trimming; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC);

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

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

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

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research deviate from standards set by the IBC. Revisions are required for approval.

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

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

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

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

Summary of IBC Review: The laboratory studies the host-virus interactions of human and simian immunodeficiency viruses. In this amendment, the addition of

the new lab locations are proposed, as this lab is moving, a new BSL2 manual, and new procedure to include the ability to sort unfixed cells at BSL1, BSL2, BSL2 with BSL3 practices. The IBC discussed best practices for biological materials storage, specific location details, containment practices, inactivation procedures, and emergency response.

- **Bio Protocol Number: B00000402-AM021**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 021 for Identifying immune responses to viral and host antigens

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Ryan Behrens

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Amita Kapoor Absent: Greg Gauthier, Yevgenya Grinblat, Warren Rose, Steve Garvis, Matt Reynolds

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

ABSL2; BSL2; ABSL2; ABSL2; BSL2; ABSL2; BSL2; BSL1; ABSL2; ABSL2; BSL3;

ABSL2; ABSL2; BSL3; ABSL2; ABSL2; BSL3; BSL2; ABSL2; ABSL2; BSL2; BSL2; BSL2;

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

Chemical fume hood;

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

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

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

Lab-specific Training and Expertise: The training and expertise of personnel involved

in the conduct of research meets standards set by the IBC.

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

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

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

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

Summary of IBC Review: The laboratory studies the identification of immune responses to viral and host antigens. In this amendment, the addition of yeast to identify antibodies along with associated reagents, locations and PPE are proposed. The IBC discussed the proposed changes.

- **Bio Protocol Number: B00000429-AM018**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 018 for Optical Imaging as a method to resolve cellular, molecular, and metabolic changes

Motion: IBC approved protocol

Motion Made By: Steve Garvis

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier

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

Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Chemical fume hood; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Biological safety cabinet (BSC); Not applicable - Room only contains -80 freezer; Biological safety cabinet (BSC),

Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC);

Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; 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-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-1); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This laboratory utilizes optical imaging as a method to resolve cellular, molecular and metabolic changes in a variety of experimental conditions. In this amendment, the addition of macaque imaging studies with a collaborator are proposed. The IBC discussed the proposed additions.

- **Bio Protocol Number: B00000604-AM006**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 006 for Gonad Development and Initiation of Steroidogenesis

Motion: IBC approved with contingencies

Motion Made By: Steve Garvis

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier

Biosafety Level: BSL2; BSL2; BSL2; BSL1; ABSL1, BSL2 - BSL2: cell/tissue culture, ABSL1/BLN-1:tissue harvests; ABSL1, BSL1 - BL1-N; ABSL1, ABSL2; BSL2; BSL2; BSL2;

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

Summary of IBC Review: The laboratory studies the gonad development and initiation of steroidogenesis using mouse models, tissue culture and collection of gonad samples from primates. In this amendment, the addition of preparation of macaque gonads for imaging with a collaborator. The IBC discussed best practices for emergency response, exposures, disinfection and PPE usage practices.

Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood; Not applicable; Chemical fume

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

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

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

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

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

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

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

Administrative: null

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

Summary of IBC Review: The laboratory uses genetic transformation and gene editing to study a wide range of traits in several crop plant species as part of the Wisconsin Crop Innovation Center. In this amendment, the addition of transport of plant protoplasts from the WCIC to the main campus for flow cytometry analysis and sequencing. is proposed. The IBC discussed these additions.

- **Bio Protocol Number: B00000739-AM009**

PI Name: Nicole Rogus-Pulia

Protocol Title: Amendment/Renewal 009 for Saliva Analysis Protocol

Motion: IBC approved protocol

Motion Made By: Joel Malak

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Warren Rose, Yevgenya Grinblat

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

Containment Equipment: Biological safety cabinet (BSC); 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 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 studies the affects of different treatments and properties of saliva and thickened liquids on swallowing-related outcomes in humans. In this amendment, updates to locations of salivary collections from human subjects, biospecimen storage locations and some procedures is proposed. The IBC discussed these additions.

- **Bio Protocol Number: B00000903-AM005**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 005 for Lung and Skin Injury, Inflammation, and Fibrosis

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Ryan Behrens

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Yevgenya Grinblat, Warren Rose,

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

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

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

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

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

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

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

NIH Guidelines Requirements: Proposed work deviates from the requirements set forth in the NIH Guidelines. Revisions are required for approval.

Administrative: null

NIH Guidelines: (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-1-a)(III-D-1-b); (III-D-7); (III-D-3-a) (III-D-3-b) (III-D-3-e); (III-E-1); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-8);

Summary of IBC Review: The laboratory studies the lung and skin injury, inflammation and fibrosis. In this amendment, the addition of lentivirus is proposed. The IBC discussed containment practices, emergency response and PPE usage.

- **Bio Protocol Number: B00000933-AM006**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 006 for UW Humanized Mouse Core Biosafety Protocol

Motion: IBC approved with contingencies

Motion Made By: Amita Kapoor

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Yevgenya Grinblat, Warren Rose,

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

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

Summary of IBC Review: The laboratory is the UW humanized mouse core facility. In this amendment, they propose the addition of a new work location at the Medical Sciences Center. The IBC discussed an update to emergency response information.

- **Bio Protocol Number: B00000988-AM005**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 005 for Pierre Lab Biosafety protocol

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: Absent: Greg Gauthier, Yevgenya Grinblat, Warren Rose,

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

Containment Equipment: Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Chemical fume hood, Other - Anaerobic Chamber, Aerobic Incubator; Not applicable; Biological safety cabinet (BSC);

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

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

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

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

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

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

Administrative: null

NIH Guidelines:

Summary of IBC Review: The laboratory studies the role of microbiome in disease. In this amendment, the addition of PPE and PPE use in specific shared lab space is proposed. The IBC discussed best practices for PPE usage in shared lab spaces.

- **Bio Protocol Number: B00001100-AM015**

PI Name: Suzana Salcedo

Protocol Title: Amendment/Renewal 015 for Studying how bacterial pathogens modulate cellular responses to cause disease

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Steve Garvis Absent: Greg Gauthier, Yevgenya Grinblat, Warren Rose

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

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

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

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

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

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

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls 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-1-a) (III-D-1-b); (III-E); (III-E-1); (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 laboratory studies how bacterial pathogens modulate cellular responses to cause disease. In this amendment, the removal of old lab spaces, addition of projects with *Campylobacter*, a CRISPR screen and use of amoeba as a cell model organism are proposed. The IBC discussed best practices for emergency procedures.

- **Bio Protocol Number: B00001120-AM004**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 004 for Study of *Brucella* spp pathogenesis

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Steve Garvis Absent: Greg Gauthier, Yevgenya Grinblat, Warren Rose

Biosafety Level: BSL3; BSL3;

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

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

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

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

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

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

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

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

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

Summary of IBC Review: The laboratory studies how *Brucella* spp. controls host cellular functions to cause disease in animals and humans. In this amendment, the addition of a new projects using amoebas and for CRISPR screen, an RNA extraction method, and an updated autoclave emergency procedure are proposed. The IBC discussed these changes and a minor administrative edit.

- **Bio Protocol Number: B00001157-AM005**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 005 for Viral Entry and Neutralization Assays

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: Greg Gauthier, Yevgenya Grinblat,

Warren Rose, Steve Garvis Abstain: Peter Halfmann

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

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

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

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

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

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

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

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

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

NIH Guidelines: (III-D-2-a); (III-D-2-a); (III-D-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);

Summary of IBC Review: The laboratory performs work with viral entry and neutralization assays. In this amendment, the study team proposes to add new bacteria, viruses and viral genes in addition to new projects involving serum neutralization assays in seasonal influenza and for support of protein production in mammalian cells or E. coli. IBC discussed inactivation practices, replication competence, and containment procedures.

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Closed Session

Date: 3/4/2026

Present: Peter Halfmann, Matt Reynolds, Yevgenya Grinblat, Warren Rose, Amita Kapoor, Stephanie Kutz, Andy Attwood, Gregory Gauthier, Ryan Stoffel, Marta Gaglia, Garret Suen, Joel Malak, Clint Morgan, Ryan Behrens, Sabine Pellett, Steve Garvis

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

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

Guests: WVDL: Ailam LIm, Audrey Dikkeboom, Eryn Opgenorth AVRL/GIDL: David O'Connor, Shelby O'Connor, Thomas Friedrich, Dawn Dudley Lyndon Tuffuo, VA Safety Officer Sarah Johnson, CALS

Call to order: The meeting was called to order by Garret Suen, at Zoom at 1:30pm

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 (2/4/2026)

Absent: Warren Rose, Yevgenya Grinblat, Greg Gauthier

Other business - closed session

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

Review of research protocols - closed session

❓ B00001248

Review of research amendments - closed session

❓ **B00000103-AM024**

❓ **B00000263-AM041**

❓ **B00000449-AM007**

❓ **B00000886-AM007**

❓ **B00001189-AM003**

Announcements

null

The meeting adjourned 4:17pm

- **Bio Protocol Number: B00001248**

PI Name: Vincent Ma

Protocol Title: UW26000: [REDACTED] in Mets Cutaneous Melanoma

Motion: IBC approved protocol

Motion Made By: Joel Malak

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier, Yevgenya Grinblat, Warren Rose

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

Containment Equipment: Biological safety cabinet (BSC) - 2 Biological safety cabinets (BSC) that are certified biannually.; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Not applicable;

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

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

Summary of IBC Review: This protocol is for the Wisconsin National Primate Research Center (WNPRC) SPI unit laboratory which receives transduction material from collaborating investigators. In this amendment, the addition of non-replicating viral vector systems is proposed. The IBC discussed addition of the materials.

- **Bio Protocol Number: B00000263-AM041**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 041 for The Study of Filoviruses and other Neglected and Novel Viruses

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: Greg Gauthier, Yevgenya Grinblat, Warren Rose, Peter Halfman

Biosafety Level: BSL2; BSL2; ABSL2; ABSL2; BSL3+, ABSL3+; BSL3+, BSL3-Ag; ABSL3-Ag; ABSL3-Ag; ABSL1, ABSL2; BSL2; BSL2; Not applicable; BSL2

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

applicable; Biological safety cabinet (BSC), HEPA rack system; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), HEPA rack system; Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC)

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

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

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

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

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

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

Administrative: null

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

Summary of IBC Review: Research in this laboratory focuses on select agent and non-select agent filoviruses and coronaviruses, as well as other RG2 and RG3 viruses involved in emerging diseases. The select agent work has been approved by the Federal Select Agent Program. In this amendment, the addition of select viral genes to produce replication-incompetent virus-like particles in a new project and select viral gene addition to an existing project. The IBC discussed best practices for new projects related to virus-like particles and a newly added cell line.

- **Bio Protocol Number: B00000449-AM007**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 007 for Production of Toxin in Foods

Motion: IBC approved with contingencies

Motion Made By: Warren Rose

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier Abstain: Sabine Pellett

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

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

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

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

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

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

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

NIH Guidelines Requirements: Proposed work 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: Research in this laboratory focuses on Clostridium botulinum in foods. The select agent work has been approved by the Federal Select Agent Program. The IBC discussed best practices for BSC containment, PPE usage, and procedure workflow & location details.

- **Bio Protocol Number: B00000886-AM007**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 007 for Wisconsin Veterinary Diagnostic Laboratory - BSL-3 Lab for testing of high risk and high consequence diseases

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Yevgenya Grinblat, Warren Rose

Biosafety Level: Other - Shower and changing room; BSL2; BSL3; Other - Shower and

changing room; BSL3; Other - BSL3 anteroom; BSL3; BSL2;

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

Summary of IBC Review: The Wisconsin Veterinary Diagnostic Laboratory tests animal specimens for disease causing agents for the state of Wisconsin. . In this amendment, the WVDL proposes the addition of high risk and high consequence disease agents in the BSL3 laboratory. The IBC discussed best practices for containment, PPE usage, disinfection procedures and lab-specific training.

- **Bio Protocol Number: B00001189-AM003**

PI Name: David Foley

Protocol Title: Amendment/Renewal 003 for [REDACTED]

Motion: IBC approved protocol

Motion Made By: Joel Malak

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier

Biosafety Level: Other - Clinical Room; Other - Clinical space; Other - Clinical space; Other - Clinical Room; Other - Clinical Room; BSL2; BSL2;

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

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

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

Required Institutional Training: The PI and 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 evaluates whether the EGEN-5784 porcine liver, perfused via a liver support device, can safely support patients with Acute-on-Chronic Liver Failure (ACLF) as a bridge to recovery or liver transplantation. In this amendment, updates to study documents related to the device and documentations is proposed. The IBC discussed best practices for the study and approved PI status.

Stephanie Kutz gave the IBC incident report.