

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date:	5/6/2026
Present:	Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Andrea Ladd, Warren Rose, Amita Kapoor, Andy Attwood, Ryan Stoffel, Marta Gaglia, Garret Suen, Joel Malak, Clint Morgan, Ryan Behrens, Barak Blum, Sabine Pellett, Steve Garvis
Consultants:	Tony Mcgrath, Lissa Koop, Darren Berger, Aaron Mccoy, Christina Pier, Heather Mc Fadden, Carrie Ensrud, Jennifer Wang, Quin Koehl
OBS:	Tony Mcgrath, TJ Whyte, David Dyer, Aaron Mccoy, Karen Demick, Christina Pier, Andrea Ladd, Louise Meske, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Donald Busalacchi, Carrie Ensrud, Kathy Krasny, Quin Koehl
Guests:	Sarah Johnson, CALS Ailam Lim, WVDL Kristin Zuzek, WVDL Deb Hartley, WVDL Chris Strang, EHS Betsy Elsmo, WVDL Lyric Bartholomay, Bartholomay lab Mehdi Kabbage, Kabbage lab Patil Tawidian, Bartholomay lab
Call to order:	The meeting was called to order by Garret Suen, at Zoom at 1:31pm
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 (4/1/2026) Amita Kapoor, absent Andy Attwood, absent Warren Rose, absent Marta Gaglia, absent
Approval of Registered Protocols:	A motion to approve registered protocols was Unanimously adopted Warren Rose, absent Marta Gaglia, absent Barak Blum, abstain

Other business - open session

- **Agenda Items - Documents For Open Session:**
- **List of Registered Protocols_030426-040126_AM.xlsx**
- **List of Registered Protocols_030426-040126_GP.xlsx**
- **IBC Training_April 2026.pptx**
- **Executive Summary_proposed IBC Policy revision_050626.docx**
- **IBC Policy UW-6102_proposed changes_050626.docx**

Review of research protocols - open session

 **B00001252**

 **B00001257**

Review of research amendments - open session

 **B00000064-AM004**

 **B00000085-AM009**

 **B00000101-AM012**

 **B00000129-AM007**

 **B00000162-AM015**

 **B00000310-AM015**

 **B00000475-AM021**

 **B00000492-AM030**

? **B00000501-AM013**

? **B00000855-AM014**

? **B00000882-AM011**

? **B00001130-AM006**

? **B00001160-AM004**

? **B00001242-AM001**

? **B00001243-AM001**

? **B00001244-AM001**

? **B00001247-AM001**

? **B00001250-AM001**

Announcements

null

The meeting adjourned 4:11pm

- **Bio Protocol Number: B00001252**

PI Name: [REDACTED]

Protocol Title: Primate Center Animal Services Division

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

Motion Made By: Ryan Behrens

Motion Seconded By: Marta Gaglia

Committee Action: Adopted by majority by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Amita Kapoor, Matt Reynolds Absent:

Dennis Halterman

Biosafety Level: ABSL2; ABSL2; Not applicable (non-laboratory area), Other - used for imaging, staff will need to wear appropriate PPE; Not applicable (non-laboratory area), Other - used for MRI, staff will need to wear appropriate PPE; BSL2; ABSL2; ABSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; ABSL2; ABSL2; Containment Equipment: 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; Biological safety cabinet (BSC); Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Chemical fume hood - Chemical fume hood has not been certified since 2009. It will be re-certified before being used.; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; 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 deviate from the standards set by the IBC for the proposed materials and activities. Revisions are required for approval.

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

Administrative: null

NIH Guidelines: (III-D-4-b); (III-D-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: PI STATUS: approved This is a new protocol for WNPRC Animal Services Division, describing a generic framework for the care and maintenance of animals at WNPRC. The IBC discussed clarification of microbes, containment practices, disinfection methods and emergency response procedures.

- **Bio Protocol Number: B00001257**

PI Name: David Dean

Protocol Title: In Vitro Evaluation of Mammalian Cell-Biomaterial Interactions for Regenerative Scaffold Development

Motion: IBC approved protocol

Motion Made By: Peter Halfmann

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Warren Rose, absent Marta Gaglia, absent Barak Blum, abstain

Biosafety Level: BSL2; BSL2;

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 is not subject to the NIH Guidelines.

Administrative: null

NIH Guidelines: null

Summary of IBC Review: This is a new protocol. The lab studies biomaterial scaffolds used for regenerative tissue repair. Proposed work will include work with mammalian cells, including human cell lines. Various cell responses will be evaluated. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000064-AM004**

PI Name: Christina Arther

Protocol Title: Amendment/Renewal 004 for Cloning and characterization of genes and gene products related to forage quality

Motion: IBC approved protocol

Motion Made By: Steve Garvis

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

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

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

Containment Equipment: Biological safety cabinet (BSC); Not applicable; Other - Dedicated grinding room at US DFRC. This room was designed specifically for grinding/dust-generating activities with proper ventilation, filtration, etc. Plant samples being ground have been freeze dried or oven dried and are non-viable.; Chemical fume hood; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood;

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

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

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

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

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

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

Administrative: null

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

Summary of IBC Review: This lab studies forage plant quality for agronomic properties and utilization in animal and bioenergy production systems. In this amendment, PI status approval is requested for the PI as the original PI is retiring. The IBC had no biosafety concerns. PI Status: Approved.

- **Bio Protocol Number: B00000085-AM009**

PI Name: Lyric Bartholomay

Protocol Title: Amendment/Renewal 009 for Arthropod-pathogen interactions in mosquito-borne disease systems

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Dennis Halterman

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

Containment Equipment: Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Other - For studies that require BL2 mosquito containment, animals will be housed in the large environmental chamber in this room; Not applicable - No containment equipment in this room; this is space where molecular techniques/procedures would be applied to mosquito carcasses.; Not applicable;

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

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

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

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

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

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

Administrative: null

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

Summary of IBC Review: This protocol was tabled previously. This lab studies arthropod-pathogen interactions in mosquito-borne disease systems. In this amendment, additional information regarding pathogen Risk Group classification

and ABSL appropriate for this work was requested for review. The IBC discussed arthropod containment practices.

- **Bio Protocol Number: B00000101-AM012**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 012 for Mechanisms of Cerebral Ischemia-induced Damage and Neurogenesis/Repair

Motion: IBC approved with contingencies

Motion Made By: Joel Malak

Motion Seconded By: Barak Blum

Committee Action: Adopted unanimously by voice vote

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

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

Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood;

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

hood; Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood;

Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood,

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: null

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

Summary of IBC Review: This lab studies mechanisms of cerebral ischemia-

induced damage and neurogenesis/repair. In this amendment, the lab proposes changes to centrifugation procedures. The IBC discussed aerosol containment practices and emergency response procedures.

- **Bio Protocol Number: B00000129-AM007**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 007 for Regulation of axon guidance by second messengers

Motion: IBC approved with contingencies

Motion Made By: Barak Blum

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by voice vote

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

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

Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable, Other - Frog tank and filtration, circulation system; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC), Other - Environmental chamber surrounding tissue culture sample on microscope stage; 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-1-a) (III-D-1-b); (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: This lab studies regulation of axon guidance by second messengers using frog (*Xenopus*) embryos and human pluripotent stem cells. This amendment proposes to add flow cell sorting of human stem cell derived retinal neurons. The IBC discussed the amendment and had no additional concerns.

- **Bio Protocol Number: B00000162-AM015**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 015 for Investigations of Pathogenic Bacteria

Motion: IBC approved with contingencies

Motion Made By: Sabine Pellett

Motion Seconded By: Peter Halfmann

Committee Action: Adopted unanimously by voice vote

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

Biosafety Level: ABSL3; ABSL1; ABSL2, BSL2; BSL2; BSL2; Not applicable (non-laboratory area) - Place where BSL3 trash autoclaved; Not applicable (non-laboratory area); BSL2; ABSL3; Not applicable (non-laboratory area); BSL2; BSL2; ABSL2; BSL1; BSL2;

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

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 Director approval under the NIH Guidelines. A Major Action will be submitted if applicable. Final approval will be withheld until NIH Director approval is granted if applicable.

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-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-D-3-a) (III-D-3-b) (III-D-3-e); (III-E); (III-E-1); (III-E-1); (III-F-8); (III-F-1);

Summary of IBC Review: This lab studies how intracellular stress responses influence immunity to bacterial and viral infections. This amendment proposes updates to entry/exit procedure for the vivarium ABSL space and administrative updates to the ARROW protocol due to regulatory changes. The IBC discussed toxin inactivation methods, disinfection procedures, emergency response, containment and PPE usage. Additional discussion regarding NIH III-A determination depends on additional information from the PI.

- **Bio Protocol Number: B00000310-AM015**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 015 for Host-Virus Interactions of Human and Simian Immunodeficiency Viruses

Motion: IBC approved protocol

Motion Made By: Andrea Ladd

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

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

Donna Neumann Abstain: Matt Reynolds, Amita Kapoor, Ryan Behrens

Biosafety Level: BSL2; BSL2; BSL2; 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; BSL3; BSL2; BSL3; ABSL2; BSL2; Not applicable (non-laboratory area); BSL2; ABSL2; BSL2; ABSL2; ABSL2; BSL3; BSL2; ABSL2; BSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; Other - Room contains freezers for biological sample storage ; 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; 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; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Not applicable;

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

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

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

Lab-specific Training and Expertise: The training and expertise of personnel involved in the conduct of research 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-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: This lab studies host-virus interactions of human and simian immunodeficiency viruses. This amendment proposes to make minor changes to PPE. The IBC had no biosafety concerns.

- **Bio Protocol Number: B00000475-AM021**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 021 for Comparative genomics and molecular characterization of parasitic and free-living flatworms

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: Dennis Halterman, Warren Rose, Donna Neumann

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

Containment Equipment: Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC); Not applicable; Chemical fume hood; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Other - Biobubble, BSC Certification Program will do a performance test for the bioBubble.; Not applicable; Chemical fume hood; Not applicable; Chemical fume hood; Not applicable; Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC); Not applicable; 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 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-4-b); (III-D-2-a); (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-4-a)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-E-2-b-4)(III-E-2-b-5); (III-E); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-1);

Summary of IBC Review: This lab studies comparative genomics and molecular characterization of parasitic and free-living flatworms. In this amendment, new projects and other updates are proposed. The IBC discussed the contingencies for location specifics, containment information, disinfection practices and emergency response procedures.

- **Bio Protocol Number: B00000492-AM030**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 030 for Molecular Pathogenesis of Emerging Infections for BSL-2 Pathogens.

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: Absent: Dennis Halterman, Warren Rose,

Donna Neumann Abstain: Peter Halfmann

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

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

Chemical fume hood; Not applicable; Not applicable; Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood, Other - BioBubble; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable, Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Other - fixed samples for flow cytometry, no containment.; Biological safety cabinet (BSC), Chemical fume hood; Not applicable - Fixed samples.;

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

cabinet (BSC); Not applicable; Other - BSC will be housed in CIF room 1374A; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Chemical fume hood; Not applicable;

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

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

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

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

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

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

Administrative: null

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

Summary of IBC Review: This lab studies molecular pathogenesis of emerging infections for BSL2 pathogens. This amendment proposes to add inactivation methods. The IBC discussed disinfectant concentration and inactivation methods.

- **Bio Protocol Number: B00000501-AM013**

PI Name: Julie Morasch

Protocol Title: Amendment/Renewal 013 for Biosafety Protocol for the Nanoscale Imaging and Analysis Center multi-user imaging facility

Motion: IBC approved with contingencies

Motion Made By: Amita Kapoor

Motion Seconded By: Barak Blum

Committee Action: Adopted unanimously by voice vote

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

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

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

Administrative: null

NIH Guidelines: null

Summary of IBC Review: This is an amendment for the Nanoscale Imaging and Analysis Center core facility. This amendment proposes to remove a biosafety cabinet and add another BSL1 room. IBC discussed emergency and exposure response procedures. PI STATUS: approved

- **Bio Protocol Number: B00000855-AM014**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 014 for Genetics of blood disorders and cancer

Motion: IBC approved protocol

Motion Made By: Matt Reynolds

Motion Seconded By: Barak Blum

Committee Action: Adopted unanimously by voice vote

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

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

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

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

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

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

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

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

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

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

Administrative: null

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

Summary of IBC Review: This lab studies the rare and common genetic variation that contributes to risk for blood disorders and cancer. This amendment proposes the addition of two retroviral vectors and associated plasmids and cell lines. The IBC had no biosafety concerns.

- **Bio Protocol Number: B00000882-AM011**

PI Name: Keith Poulsen

Protocol Title: Amendment/Renewal 011 for Wisconsin Veterinary Diagnostic Lab Diagnostic Testing Services-Madison Lab

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: Dennis Halterman, Warren Rose

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

institutional biosafety training.

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

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

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

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

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

Summary of IBC Review: The WVDL provides diagnostic testing services serving a wide range of animal species and pathogens. In this renewal the laboratory is proposing minor modifications to existing protocols for sample receiving and specimen processing. The IBC discussed aerosol containment, disinfection and inactivation methods, necropsy procedures and respiratory protection usage. PI

STATUS: approved

- **Bio Protocol Number: B00001130-AM006**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 006 for Center for Biomedical Swine Research and Innovation Animal & Cadaver Lab Biosafety Protocol

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: Absent: Dennis Halterman, Warren Rose, Donna Neumann

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

Containment Equipment: 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: null

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 lab conducts patient care training for clinicians and scientists and includes work at the Center for Biomedical Swine Research and Innovation. The amendment adds several new bacterial strains. The IBC discussed additional PPE for work with drug-resistant bacteria, containment, PPE and disinfection methods.

- **Bio Protocol Number: B00001160-AM004**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 004 for Human metapneumovirus (HMPV) immunity and pathogenesis

Motion: IBC approved with contingencies

Motion Made By: Marta Gaglia

Motion Seconded By: Joel Malak

Committee Action: Adopted unanimously by voice vote

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

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

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

NIH Guidelines: (III-D-4)(III-D-4-a)(III-D-1-a)(III-D-1-b)(III-D-4-b); (III-D-1-a) (III-D-1-b); (III-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 studies human metapneumovirus (HMPV) immunity and pathogenesis. This amendment proposes the addition of studies using a viral vector to express proteins, the use of new primary cell lines and lipopolysaccharide as an immunity adjuvant. The IBC discussed emergency response procedures and practices with recombinant materials.

- **Bio Protocol Number: B00001242-AM001**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 001 for Immunity, pathogenesis, and evolution of RNA viruses

Motion: IBC approved protocol

Motion Made By: Marta Gaglia

Motion Seconded By: Steve Garvis

Committee Action: Adopted unanimously by voice vote

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

Donna Neumann Abstain: Matt Reynolds, Amita Kapoor, Peter Halfmann

Biosafety Level: BSL2; ABSL2; ABSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2, Other - This is a BSL2+ lab; ABSL2; BSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; Other - BSL2+; ABSL2; ABSL2; BSL2; 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),
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 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-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 lab studies immunity, pathogenesis, and evolution of
RNA viruses. This amendment proposes to add allowance for two persons to work in
a single BSC in special situations. The IBC discussed the changes and had no
biosafety concerns.

- **Bio Protocol Number: B00001243-AM001**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 001 for Analysis of Immunology, Virology,
Genetics, and Pathogenesis of SIV- and Mtb-infected Macaques and also
Environmental Virus Surveillance - ELEMENTS

Motion: IBC approved protocol

Motion Made By: Marta Gaglia

Motion Seconded By: Steve Garvis

Committee Action: Adopted unanimously by voice vote

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

Donna Neumann Abstain: Matt Reynolds, Amita Kapoor

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 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-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 infection and immunity during Mtb and SIB infections of non-human primates. This amendment proposes to add allowance for two persons to work in a single BSC in special situations. The IBC discussed the changes and had no biosafety concerns.

- **Bio Protocol Number: B00001244-AM001**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 001 for Immunology Services Unit Biosafety Protocol

Motion: IBC approved with contingencies

Motion Made By: Marta Gaglia

Motion Seconded By: Steve Garvis

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Dennis Halterman, Warren Rose, Donna Neumann Abstain: Matt Reynolds, Amita Kapoor

Biosafety Level: BSL2 - BSL2+; BSL2; BSL2 - BSL2+; BSL2; BSL1; BSL2; BSL1; 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; 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; Biological safety cabinet (BSC), Chemical fume hood; 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 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.

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 protocol for the Wisconsin National Primate Laboratory Immunology Services Unit. This amendment proposes to new delivery methods for potential vaccine testing. The IBC discussed the administrative clarifications for the BSL2 with BSL3 practices manual.

PI Name: [REDACTED]

Motion: IBC approved protocol

Motion Made By: Garret Suen

Motion Seconded By: Andrea Ladd

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Dennis Halterman, Warren Rose,
Donna Neumann, Matt Reynolds Abstain: Amita Kapoor

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; ABSL2; BSL2 - BSL2+; BSL2; ABSL2; ABSL2; BSL2; BSL2, Other - BSL2+; 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; Not applicable; 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; Not applicable; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Biological safety cabinet (BSC); Other - biobubble; Chemical fume hood; Not applicable; Not applicable; Not applicable;

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

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

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

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

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

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

Administrative: null

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

Summary of IBC Review: This lab studies immune responses to viral and host antigens. This amendment proposes to add genes, update precautions and include an allowance for two persons to work in a single BSC in special situations The IBC had no biosafety concerns.

- **Bio Protocol Number: B00001250-AM001**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 001 for Characterization of Emerging Pathogens

Motion: IBC approved with contingencies

Motion Made By: Andrea Ladd

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Dennis Halterman, Warren Rose, Donna Neumann, Marta Gaglia Abstain: Matt Reynolds, Peter Halfmann

Biosafety Level: BSL2; BSL2, Other - This is the BSL2+ lab.; BSL2; BSL2 - BSL2+; BSL2; BSL2; BSL2; BSL2; ABSL2; ABSL2; Not applicable (non-laboratory area), Other - used for imaging; BSL2; BSL2; ABSL2; ABSL2; BSL2; ABSL2; ABSL2; ABSL2; BSL2; ABSL2; ABSL2; ABSL2; ABSL2; ABSL2; BSL2; Not applicable (non-laboratory area) - used for MRI ; BSL2; BSL2; BSL2;

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

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

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

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

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

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

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

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

NIH Guidelines: (III-D-2-a); (III-D-4)(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 lab studies the mechanisms by which emerging pathogens evolve to spread and cause disease in the host. The amendment proposes to make changes to the research description. The IBC discussed administrative change in lab signage.

The IBC voted unanimously to amend their previous decision regarding the timing of review of protocols for new BSL3 laboratory spaces to state that review may occur concomitantly with commissioning, although approval may be withheld until commissioning is complete.

The IBC will consider an amendment to IBC Policy UW-6102 to codify this decision at a future meeting. Andrea Ladd made the motion. Peter Halfmann seconded the motion.

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Closed Session

Date: 5/6/2026

Present: Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Andrea Ladd, Warren Rose, Amita Kapoor, Andy Attwood, Ryan Stoffel, Marta Gaglia, Garret Suen, Joel Malak, Clint Morgan, Ryan Behrens, Barak Blum, Sabine Pellett, Steve Garvis

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

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

Guests: Sarah Johnson, CALS Ailam Lim, WVDL Kristin Zuzek, WVDL Deb Hartley, WVDL Chris Strang, EHS

Call to order: The meeting was called to order by Garret Suen, at Zoom at 1:31pm

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 (4/1/2026)

March 4, 2026: Dennis Halterman, abstain Warren Rose, absent Marta Gaglia, absent April 1, 2026: Warren Rose, absent Marta Gaglia, absent

Other business - closed session

- **Agenda Items - Documents For Closed Session:**
- **IBC Minutes 030426_Correction 040826.docx**

Review of research protocols - closed session

? **B00001238**

? **B00001261**

Review of research amendments - closed session

? **B00000181-AM009**

? **B00000313-AM019**

? **B00000886-AM007**

? **B00000929-AM032**

Announcements

null

The meeting adjourned 4:11pm

- **Bio Protocol Number: B00001238**

PI Name: [REDACTED]

Protocol Title: In Vitro and In Vivo Studies of Retinal Neurons

Motion: IBC tabled the protocol

Motion Made By:

Motion Seconded By:

Committee Action: Other

Nay Votes, Abstentions, Absentees:

Biosafety Level: ABSL1, ABSL2; BSL2;

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

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

Summary of IBC Review: This is a new protocol. The lab studies in vitro and in vivo studies of retinal neurons. The IBC tabled the protocol due to lack of clarity for the proposed research.

- **Bio Protocol Number: B00001261**

PI Name: Natalie Callander

Protocol Title: A Phase III Open-label, Randomised, Multicentre Study Comparing [REDACTED] Therapy Directed Against [REDACTED], vs. Standard Regimens in Participants with Relapsed Refractory Multiple Myeloma

Motion: IBC approved with contingencies

Motion Made By: Joel Malak

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Marta Gaglia, Warren Rose

Biosafety Level: BSL2; BSL2; BSL2; Other - Clinical space; BSL2; BSL2; BSL2; BSL1;

Containment Equipment: Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC), Chemical fume hood; Not applicable; Biological safety cabinet (BSC) - 2 Biological safety cabinet (BSC) that are certified bi-annually.; Not applicable; Biological safety cabinet (BSC), Chemical fume hood, Other - BSC is SterilGARD Baker Company; Fume hood is technically in Immunology, but that is also B4/220 - the processing area does have access to it if needed.; 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/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-C-1);

Summary of IBC Review: This is a new protocol. This lab will conduct a phase III clinical study comparing a new therapy to target multiple myeloma to standard treatments in patients. The IBC discussed contingencies including recombinant materials descriptions, spill and release procedures, and location details.

- **Bio Protocol Number: B00000181-AM009**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 009 for MICROBIOLOGICAL SAFETY OF FOODSTUFFS

Motion: IBC approved with contingencies

Motion Made By: Garret Suen

Motion Seconded By: Andrea Ladd

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Marta Gaglia, Warren Rose

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

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

Administrative: null

NIH Guidelines: null

Summary of IBC Review: The laboratory studies behavior of food-borne bacteria to identify methods to enhance the safety of food products. In this amendment, updates to practices for working with low infectious dose pathogens are proposed. The IBC discussed appropriate disinfectants for this work.

- **Bio Protocol Number: B00000313-AM019**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 019 for Study of neuroexocytosis and synaptotagmins

Motion: IBC approved with contingencies

Motion Made By: Matt Reynolds

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Marta Gaglia, Warren Rose

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

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

applicable; Not applicable; Not applicable; Biological safety cabinet (BSC),
Ventilated HEPA-filtered housing or rack system; Biological safety cabinet (BSC);
Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not
applicable; Other - Only small quantities of sample will enter this space.;

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-D-3-a) (III-D-3-b) (III-D-3-e); (III-E); (III-E-1); (III-
E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8); (III-F-8);

Summary of IBC Review: This lab studies the molecular mechanisms that mediate
calcium-triggered release of neurotransmitters from neurons. This amendment
proposes updates to vertebrate animal table, emergency response and facilities for
sample storage. The IBC discussed contingencies regarding emergency response
information.

- **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:

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: Previously tabled protocol. This is the WVDL BSL3 lab testing service protocol. In this amendment, the WVDL proposes the addition of high risk and high consequence disease agents in the BSL3 laboratory. IBC discussed entry/exit signage and procedures, SOPs, disinfection methods, and containment equipment use. PI STATUS: Approved

- **Bio Protocol Number: B00000929-AM032**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 032 for Studies of Viral Pathogenesis in the Bailey Laboratory

Motion: IBC approved with contingencies

Motion Made By: Ryan Behrens

Motion Seconded By: Matt Reynolds

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees:

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 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-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: This lab studies viral pathogenesis. In this amendment, the addition of projects using viral isolates to infect animals to evaluate tissue tropism are proposed. The IBC discussed potential DURC review and occupational safety.

Andrea Ladd gave the IBC incident report.

The IBC voted unanimously to send a letter to [REDACTED], accepting the quarterly report that was submitted in April and offering feedback. Specifically, the IBC noted the training records provided were thorough, but the IBC would like the PI to have a more participatory role in safety training. Garret Suen made the motion. Peter Halfmann seconded the motion.