

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date:	12/10/2025
Present:	Peter Halfmann, Matt Reynolds, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Amita Kapoor, Gregory Gauthier, Ryan Stoffel, Marta Gaglia, Garret Suen, Joel Malak, Clint Morgan, Barak Blum, Steve Garvis
Consultants:	Tony Mcgrath, Lissa Koop, Darren Berger, Christina Pier, Heather Mc Fadden, John Cejka, Quin Koehl
OBS:	Tony Mcgrath, TJ Whyte, David Dyer, Christina Pier, Andrea Ladd, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Kathy Krasny, Quin Koehl
Guests:	Sarah Johnson, CALS Kim Keen, WNPRC Lizzy Stanford, RARC Jennifer Wang, IRB Office
Call to order:	The meeting was called to order by Garret Suen, at Zoom at 1:30 pm
Announcements:	The IBC meeting is open to the public.
Review of Minutes:	A motion to approve the open session minutes of the following IBC meetings was Unanimously adopted. Absent: Steve Garvis, Marta Gaglia, Greg Gauthier, Donna Neumann
Approval of Registered Protocols:	A motion to approve registered protocols was Unanimously adopted Absent: Marta Gaglia, Greg Gauthier, Donna Neumann

Other business - open session

- **Agenda Items - Documents For Open Session:**
- **List of Registered Protocols_100125-110525_AM.xlsx**

- **List of Registered Protocols_100125-110525_GP.xlsx**
- **List of Registered Protocols_090325-100125_AM.xlsx**
- **List of Registered Protocols_090325-100125_GP.xlsx**
- **Executive Summary for H5 HPAI guidance update_121025_DRAFT.docx**
- **H5 HPAI Research Requirements_version 3_DRAFT_121025.docx**

Review of research protocols - open session

 B00001231

 B00001237

Review of research amendments - open session

 B00000090-AM011

 B00000107-AM009

 B00000117-AM037

 B00000173-AM018

 B00000182-AM036

 B00000306-AM032

 B00000435-AM012

 B00000475-AM020

 B00000492-AM029

 B00000621-AM008

❓ **B00000762-AM009**

❓ **B00000851-AM009**

❓ **B00000852-AM009**

❓ **B00000964-AM003**

❓ **B00001006-AM004**

❓ **B00001103-AM004**

❓ **B00001192-AM001**

Announcements

null

The meeting adjourned 2:58 pm

- **Bio Protocol Number: B00001231**

PI Name: Marc Chevrette

Protocol Title: Mining Bacterial Genomes for Antibacterial and Antifungal Natural Products

Motion: IBC approved with contingencies

Motion Made By: Joel Malak

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier, Donna Neumann

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

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

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

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

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

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

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

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

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

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

Summary of IBC Review: This is a new protocol for a laboratory that studies the ecological roles of biosynthetic gene clusters and antimicrobial products. The IBC considered whether antibiotic resistance could be naturally acquired in bacteria.

Minor revisions are requested for clarity.

- **Bio Protocol Number: B00001237**

PI Name: Christopher Sundberg

Protocol Title: Musculoskeletal Aging

Motion: IBC approved protocol

Motion Made By: Barak Blum

Motion Seconded By: Yevgenya Grinblat

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier

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

Containment Equipment: Not applicable; Not applicable; Chemical fume hood; Not applicable; Not applicable; Not applicable; 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 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: This is a new protocol for a laboratory that studies the adaptive response to exercise training with the goal of developing targeted interventions to improve muscle power output, muscle size (hypertrophy), and fatigability in both healthy and clinical populations. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000090-AM011**

PI Name: Manish Patankar

Protocol Title: Amendment/Renewal 011 for Flow Cytometry and Sorting General Protocol

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: BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL2; BSL1;

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

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

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

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

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

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

NIH Guidelines Requirements: 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:

Summary of IBC Review: This is an umbrella core protocol for the University of Wisconsin Carbone Cancer Center Flow Laboratory. The laboratory provides researchers the technical and educational support for fluorescence-based single cell analysis and isolation. In this amendment, processing of biological samples for the detection of microplastics by flow cytometry is proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000107-AM009**

PI Name: Tim Bugni

Protocol Title: Amendment/Renewal 009 for Symbiotic Bacterial Isolation and Maintenance and Screening for Active Natural Compounds in Various Assays

Motion: IBC approved with contingencies

Motion Made By: Joel Malak

Motion Seconded By: Andrea Ladd

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Greg Gauthier

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

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

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

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

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

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

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

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

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

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

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

Summary of IBC Review: The laboratory studies bacteria from marine sponges and ascidians as sources of novel natural products. In this amendment, work with an avirulent attenuated *Mycobacterium* strain is proposed. The IBC discussed the appropriate risk group and containment level for the attenuated strain.

- **Bio Protocol Number: B00000117-AM037**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 037 for Analysis of immunology, virology, and pathogenesis of emerging pathogens

Motion: IBC tabled the protocol

Motion Made By:

Motion Seconded By:

Committee Action: Other

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL3; ABSL2; BSL2; BSL2; Not applicable (non-laboratory area); ABSL2; BSL2; BSL2; ABSL2; BSL2; BSL2; ABSL2; BSL2; ABSL2; BSL2; BSL2; BSL2; BSL3; ABSL2; BSL2; BSL2; ABSL2; BSL1; BSL2 - This is used by WNPRC staff to draw up meds for NHP.; ABSL2; ABSL2; BSL2; Not applicable (non-laboratory area); BSL2; ABSL2 - Biosafety level 3 practices in BL2 area.; ABSL2; ABSL2; ABSL2; BSL2; BSL2; BSL2; BSL2; BSL2; Not applicable (non-laboratory area) - used for MRI so staff will

need to wear PPE and respiratory protection.;

Containment Equipment: Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Chemical fume hood; Biological safety cabinet (BSC); Other - Freezer Farm; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable - n/a; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable - n/a; Biological safety cabinet (BSC); Not applicable; Not applicable; Chemical fume hood; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable;

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-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: The laboratory studies immunology, virology, and pathogenesis of emerging pathogens in animal models. In this amendment, experiments to study the effects of SARS-CoV-2 infection during pregnancy using a nonhuman primate model are proposed. The amendment was tabled pending more information about animal transport procedures.

- **Bio Protocol Number: B00000173-AM018**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 018 for Genetics of infectious diseases

Motion: IBC approved with contingencies

Motion Made By: Gregory Gauthier

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: BSL1; BSL2; BSL3; BSL1; BSL2; BSL2; BSL1;

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

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

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

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

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

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls 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-1-a) (III-D-1-b); (III-E); (III-E); (III-F-8);

Summary of IBC Review: The laboratory studies the evolution of various species of Mycobacteria. They also study population genetics of RG2 bacterial strains. In this amendment, alternative procedures for BSL3 waste and cleaning are proposed. The IBC requests updates to the occupational requirements for MTb work.

- **Bio Protocol Number: B00000182-AM036**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 036 for Immunity, pathogenesis, and evolution of RNA viruses

Motion: IBC approved with contingencies

Motion Made By: Donna Neumann

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Matt Reynolds, Peter Halfmann

Biosafety Level: BSL3; BSL2; BSL2; ABSL2; BSL3; BSL3; BSL1; BSL3; BSL2; BSL2; BSL3; BSL2; BSL2; BSL2; BSL2; BSL2; ABSL2, Other - BL2 with BL3 practices. Fit-Tested N95 respirators mandatory); BSL3; BSL2;

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

safety cabinet (BSC), 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); Not applicable; Biological safety cabinet (BSC); Other - Robots will do isolations of DNA/RNA from tissues. System is a self-contained Maxwell or KingFisher unit.; Not applicable; 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 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 protocol covers both research activities of the PI and core services provided by Virology Services. The laboratory studies immunity, pathogenesis, and evolution of viruses, specifically RNA viruses, in animal models of human infection. Virology Services provide inocula for NHP studies and perform assays for clients. In this amendment, (1) experiments with chimeric RG2 viruses and (2) addition of SARS-CoV-2 stock production by Virology Services for nonhuman primate studies are proposed. The IBC discussed PPE worn during spill cleanup procedures. The project with chimeric viruses is referred for DURC Subcommittee review.

- **Bio Protocol Number: B00000306-AM032**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 032 for Understanding the role of antigen-

specific immune responses.

Motion: IBC approved with contingencies

Motion Made By: Marta Gaglia

Motion Seconded By: Donna Neumann

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Matt Reynolds Absent: Yevgenya Grinblat

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

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

Containment Equipment: Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC), Other - Cell sorter Aerosol Management System within the BSC; Not

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

Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); 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: 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-E-1); (III-F-1);

Summary of IBC Review: This is an umbrella core protocol for the Immunology Services unit at the Wisconsin National Primate Research Center. Key functions

include performance of standard immunological assays to detect antigen-specific immune responses, implementation of vaccination experiments, operation of the flow facility at the WNPRC, and regular training and consultation on immune-assay related issues with collaborating scientists. In this amendment, a new project with a replication incompetent adeno-associated virus (AAV) is proposed. The IBC discussed appropriate PPE for handling animals administered AAV.

- **Bio Protocol Number: B00000435-AM012**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 012 for Translational Studies of Gastrointestinal Cancers to Develop Personalized Treatment Strategies

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: Yevgenya Grinblat

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

BSL2; Not applicable (non-laboratory area); BSL2; ABSL1, ABSL2; BSL2; BSL2;

ABSL2, BSL2; BSL2; ABSL2; BSL2; ABSL2; Not applicable (non-laboratory area);

BSL2; BSL1; Not applicable (non-laboratory area); BSL2; BSL2; BSL2; BSL2; BSL2;

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

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

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

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

filtered housing or rack system; Not applicable; Biological safety cabinet (BSC); Not applicable; Not applicable; Biological safety cabinet (BSC); Not applicable;

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

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

involved in the proposed work. The IBC considered agent characteristics including but not limited to pathogenicity, stability, and source and nature of recombinant and

synthetic nucleic acids and their expressed products, as applicable.

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

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

institutional biosafety training.

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

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

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

Administrative: 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-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: The laboratory develops novel mouse models with human-like mutational profiles and phenotypes for the development of treatments for gastrointestinal cancers. In this amendment, experiments in which lipopolysaccharide is used in cultured cells are proposed. Biosafety is adequately addressed. Minor revisions are requested to correct a recurrent typo and update the phone number for Occupational Medicine.

- **Bio Protocol Number: B00000475-AM020**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 020 for Comparative genomics and molecular characterization of parasitic and free-living flatworms

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: Yevgenya Grinblat

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

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

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

NIH Guidelines: (III-D-4) (III-D-4-a) (III-D-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: The laboratory studies germ cell specification and differentiation, comparative genomics, and anti-helminthic products in parasitic flatworms. In this amendment, a new collaborative project in which parasitic flatworm larvae are administered to 3D cell cultures is proposed. Biosafety is adequately addressed. A minor correction is requested regarding the contact for Occupational Medicine.

- **Bio Protocol Number: B00000492-AM029**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 029 for Molecular Pathogenesis of Emerging

Infections for BSL-2 Pathogens.

Motion: IBC approved with contingencies

Motion Made By: Gregory Gauthier

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Peter Halfmann Absent: Yevgenya Grinblat

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

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;

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: The laboratory studies emerging human and animal pathogens to develop new vaccines. In this amendment, activities at the Small Animal Imaging and Radiotherapy Facility and new locations are proposed. The IBC requests updates to occupational requirements and disposal for work with mycobacterial cultures.

- **Bio Protocol Number: B00000621-AM008**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 008 for Study of pro-fibrotic signaling pathways in myofibroblast differentiation and pulmonary fibrosis: Utilization of transient expression of signaling proteins and their mutants in cultured mammalian cells.

Motion: IBC approved with contingencies

Motion Made By: Matt Reynolds

Motion Seconded By: Peter Halfmann

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Yevgenya Grinblat

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

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

Summary of IBC Review: The laboratory studies the signaling pathways mediating fibroblast activation during pulmonary fibrosis. In this amendment, experiments with a new replication incompetent viral vector in mice are proposed. The IBC requests updates to emergency response, lab-specific training for animal care staff, and disinfection/inactivation procedures.

Containment Equipment: Biological safety cabinet (BSC); Not applicable; Other - Only small quantities of sample will enter this space, remaining unfixed sample will be moved back to B1106G; Chemical fume hood; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not applicable; Not

applicable; Not applicable; Biological safety cabinet (BSC); Biological safety cabinet (BSC); Not applicable; Not applicable; Not applicable; Chemical fume hood; Biological safety cabinet (BSC), Chemical fume hood; 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-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-E); (III-E); (III-E-1); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: The laboratory uses cryo-electron microscopy and molecular biology approaches to explore the three-dimensional structures of eukaryotic cells, bacteria, viruses, and macromolecular complexes for the development of novel antimicrobials, therapeutics, and vaccines. In this amendment, new tissue samples and cryo-ET procedure are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000851-AM009**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 009 for UW Gnotobiotic Shared Resource

Motion: IBC approved protocol

Motion Made By: Amita Kapoor

Motion Seconded By: Steve Garvis

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Yevgenya Grinblat

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

Containment Equipment: Biological safety cabinet (BSC); Not applicable; Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC); 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 meet the standards set by the IBC for the proposed materials and activities or additional controls are used effectively to mitigate risk caused by deviation from the standards.

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

Administrative: null

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

Summary of IBC Review: This is an umbrella protocol for the UW Gnotobiotic Shared Resource, a fee for service core facility that provides germ-free animals and gnotobiotic services to the UW research community. In this amendment, addition of behavioral testing services is proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000852-AM009**

PI Name: David Kosoff

Protocol Title: Amendment/Renewal 009 for Therapeutic Targeting of the Tumor Microenvironment in Prostate Cancer

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: Absent: Yevgenya Grinblat

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

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

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

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

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

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

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

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

Administrative: null

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

Summary of IBC Review: The laboratory studies therapeutic treatments and mechanisms of therapeutic resistance for metastatic prostate cancer. In this amendment, experiments using cell lines modified with replication incompetent viral vectors are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00000964-AM003**

PI Name: Mihai Mititelu

Protocol Title: Amendment/Renewal 003 for Department of Ophthalmology & Visual Sciences (DOVS) Clinical Eye Research Unit (CERU) Core Facility

Motion: IBC approved protocol

Motion Made By: Amita Kapoor

Motion Seconded By: Barak Blum

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Yevgenya Grinblat Abstain L Donna Neumann

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

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:

Summary of IBC Review: The laboratory studies therapeutic treatments and mechanisms of therapeutic resistance for metastatic prostate cancer. In this amendment, experiments using cell lines modified with replication incompetent viral vectors are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001006-AM004**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 004 for Multi-scale Characterization of Host-Pathogen Interactions and Microbial Systems

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Andrea Ladd

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Yevgenya Grinblat

Biosafety Level: BSL1 - BSL2 samples will only be stored or closed samples

analyzed in room 2241. Containers will be opened or samples filled in BSL2 lab (WID 2242.); BSL2; ABSL2; Not applicable (non-laboratory area); BSL2; BSL2;

Containment Equipment: Chemical fume hood; Not applicable, Other - Enclosed BSL1 and BSL2 samples will be analyzed (confocal imaging) but not processed. BSC can be added.; Biological safety cabinet (BSC), Ventilated HEPA-filtered housing or rack system; Not applicable; Not applicable; Biological safety cabinet (BSC);

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

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

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

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

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

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

Administrative: null

NIH Guidelines: (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); (III-F-4) (III-F-5);

Summary of IBC Review: The laboratory uses systems-biology approaches to investigate intracellular scale events in the host, microbes, and cellular environment. No changes in research are proposed in this renewal. The IBC discussed appropriate risk group and containment levels for mycobacteria species.

- **Bio Protocol Number: B00001103-AM004**

PI Name: Maria Virumbrales-Munoz

Protocol Title: Amendment/Renewal 004 for Microphysiological models for mimicking tissue physiology and disease.

Motion: IBC approved protocol

Motion Made By: Joel Malak

Motion Seconded By: Barak Blum

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Yevgenya Grinblat

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

Containment Equipment: Chemical fume hood; Not applicable - Autoclave; Biological safety cabinet (BSC); Biological safety cabinet (BSC); 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-2-a); (III-E-1); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: The laboratory uses microtechnologies that generate small biocompatible devices for in vitro work. In this amendment, work with placental tissue and flow cytometry are proposed. Biosafety is adequately addressed.

- **Bio Protocol Number: B00001192-AM001**

PI Name: Tanja Dominko

Protocol Title: Amendment/Renewal 001 for Molecular Mechanisms of Embryonic Development, Cell Reprogramming and Tissue Regeneration

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: Yevgenya Grinblat

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

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

applicable; 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-E-1); (III-E-1); (III-F-4) (III-F-5);

Summary of IBC Review: The laboratory studies the molecular mechanisms regulating mammalian oogenesis, fertilization, and early embryonic development. In this amendment, experiments with CRISPR/Cas9 modified cells are proposed. Biosafety is adequately addressed.

The IBC voted unanimously to adopt revisions to the “Requirements for H5 Highly Pathogenic Avian Influenza Research” guidance. The revisions add guidelines for work with susceptible species in farm settings. Andrea Ladd made the motion. Garret Suen seconded the motion.

Andrea Ladd presented training on IBC resources in the Knowledge Base.

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Closed Session

Date: 12/10/2025

Present: Peter Halfmann, Matt Reynolds, Donna Neumann, Yevgenya Grinblat, Andrea Ladd, Amita Kapoor, Gregory Gauthier, Ryan Stoffel, Marta Gaglia, Garret Suen, Joel Malak, Clint Morgan, Barak Blum, Steve Garvis

Consultants: Tony Mcgrath, Lissa Koop, Darren Berger, Christina Pier, Heather Mc Fadden, John Cejka, Quin Koehl

OBS: Tony Mcgrath, TJ Whyte, David Dyer, Christina Pier, Andrea Ladd, Stephanie Kutz, Tara Schnell, Megan Dixon, Erin Plisch, Kathy Krasny, Quin Koehl

Guests: Sarah Johnson, CALS Jennifer Wang, IRB Office

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

Announcements: The IBC meeting is closed to the public.

Review of Minutes: A motion to approve the closed session minutes of the following IBC meetings was Unanimously adopted.

Abstain: Barak Blum Absent: Marta Gaglia, Greg Gauthier, Donna Neumann

Other business - closed session

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

Review of research protocols - closed session

Review of research amendments - closed session

🔍 **B00000263-AM040**

Announcements

null

The meeting adjourned 2:58 pm

- **Bio Protocol Number: B00000263-AM040**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 040 for The Study of Filoviruses and other Neglected and Novel Viruses

Motion: IBC approved protocol

Motion Made By: Matt Reynolds

Motion Seconded By: Marta Gaglia

Committee Action: Adopted unanimously by hand vote

Nay Votes, Abstentions, Absentees: Absent: Peter Halfmann, Greg Gauthier, Donna Neumann

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, experiments using guinea pigs for vaccine testing and creation of new vaccine candidates are proposed. Biosafety is adequately addressed.

Andrea Ladd gave the IBC incident report.