

University of Wisconsin-Madison Institutional Biosafety Committee

Minutes of Regular Meeting Open Session

Date: 8/19/2026

Present: Peter Halfmann, Matt Reynolds, Dennis Halterman, Donna Neumann, Andrea Ladd, Warren Rose, Amita Kapoor, Ryan Stoffel, Garret Suen, Clint Morgan, Ryan Behrens, Barak Blum, Steve Garvis

Consultants: Tony Mcgrath, Heather Mc Fadden, Jennifer Wang, Quin Koehl

OBS: Tony Mcgrath, TJ Whyte, Karen Demick, Andrea Ladd, Stephanie Kutz, Tara Schnell, Megan Dixon, Matthew Dutcher

Guests:

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

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

Other business - open session

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

Review of research protocols - open session

Review of research amendments - open session

❓ **B00001018-AM004**

❓ **B00001078-AM003**

❓ **B00001100-AM016**

❓ **B00001140-AM001**

❓ **B00001184-AM002**

? **B00001233-AM001**

? **B00001244-AM002**

Announcements

null

The meeting adjourned 1:47 pm

- **Bio Protocol Number: B00001018-AM004**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 004 for Microphysiological models for cell biology

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:

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

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

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

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

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

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

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

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

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

NIH Guidelines: (III-D-4-b); (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 the structure of human tissues and how different cell types interact and respond to disease therapies. This amendment

proposes to add the administration of human melanoma cells to mice. The IBC discussed clarification for work done inside and outside of containment.

- **Bio Protocol Number: B00001078-AM003**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 003 for Glioblastoma cell culture

Motion: IBC approved with contingencies

Motion Made By: Peter Halfmann

Motion Seconded By: Donna Neumann

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Absent: Ryan Stoffel Abstain: Barak Blum

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

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

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

Summary of IBC Review: This lab uses cell culture methods to study glioblastoma. This amendment proposes addition of lentiviral vectors expressing shRNA constructs. The IBC discussed the proposed changes and had no additional concerns once the administrative contingencies are addressed and PI status was approved.

- **Bio Protocol Number: B00001100-AM016**

PI Name: Suzana Salcedo

Protocol Title: Amendment/Renewal 016 for Studying how bacterial pathogens modulate cellular responses to cause disease

Motion: IBC approved protocol

Motion Made By: Andrea Ladd

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

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

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

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

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

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

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

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls 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-1-a) (III-D-1-b); (III-E); (III-E-1); (III-E); (III-E-1); (III-F-8); (III-F-8); (III-F-1); (III-F-4) (III-F-5);

Summary of IBC Review: The research team is interested in studying the interactions between bacterial pathogens and host cells, focusing on the role of bacterial proteins that promote virulence. Protocol amended to add Legionella pneumophila strains.

Biosafety is adequately addressed.

- **Bio Protocol Number: B00001140-AM001**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 001 for NEUROVASCULAR BIOLOGY

Motion: IBC approved with contingencies

Motion Made By: Steve Garvis

Motion Seconded By: Amita Kapoor

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees: Abstain: Donna Neumann

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

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

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

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

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

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

PPE, Controls, and Practices: The PPE, engineering controls, and administrative controls 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-1-a)(III-D-1-b); (III-E-3); (III-E-3); (III-E-1); (III-F-8); (III-F-8); (III-F-8); (III-F-8);

Summary of IBC Review: The lab's research studies the mechanisms of communication between the nervous and vascular systems. This amendment proposes to add an imaging technique utilizing a fluorescent-tagged peptide. The IBC discussed the proposed changes and had no additional concerns once the contingencies regarding spill protocols, containment and administrative changes are addressed.

- **Bio Protocol Number: B00001184-AM002**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 002 for Immune response against Mycobacterium tuberculosis Infection in the Central Nervous System

Motion: IBC approved with contingencies

Motion Made By: Steve Garvis

Motion Seconded By: Garret Suen

Committee Action: Adopted unanimously by voice vote

Nay Votes, Abstentions, Absentees:

Biosafety Level: ABSL3, BSL3; BSL2; BSL3;

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

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

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

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

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

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

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

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

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

Summary of IBC Review: The lab focuses on understanding the immune responses in granulomatous diseases and inflammatory diseases of the central nervous system (CNS). This amendment proposes minor revisions to the BSL3 manual, update facility contact information, and include an autoclave contingency plan, among other administrative changes. The IBC discussed the proposed changes and had no additional concerns once the contingencies are addressed.

- **Bio Protocol Number: B00001233-AM001**

PI Name: Sanna Herwald

Protocol Title: Amendment/Renewal 001 for Analysis of Percutaneous Drainage

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:

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

Containment Equipment: Biological safety cabinet (BSC); Other - Standard BSL2 laboratory benches. ; 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 not subject to the NIH Guidelines.

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

NIH Guidelines:

Summary of IBC Review: The lab studies the physical properties of drained human body fluid and discarded tubing. This amendment proposes the addition of space in the Nanoscale Imaging and Analysis Center at the Material Sciences Building. The IBC discussed the proposed changes and had no additional concerns once the contingencies are addressed.

- **Bio Protocol Number: B00001244-AM002**

PI Name: [REDACTED]

Protocol Title: Amendment/Renewal 002 for Immunology Services Unit Biosafety Protocol

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: 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.

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

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

Summary of IBC Review: The lab is the Immunology Services unit at Wisconsin National Primate Research Center (WNPRC). This amendment proposes to add new sample types and substances, including bovine cells, gold nanoparticles and a recombinant protein. The IBC discussed the need for clarification in the protocol of the recombinant protein source.

Andrea Ladd announced that the NIH has drafted new policy intended to replace the current NIH Guidelines when finalized. The new policy draft is available for public comment at this time. Link to the draft policy will be shared with the IBC members.