



University of Missouri-Columbia  
Institutional Biosafety Committee

Meeting Minutes

March 5, 2026, 2:00–4:00pm

<b>Members in Attendance</b>		<b>Members Absent</b>
Aarattuthodi, Suja	Kalera, Karishma	Dickerson, Marie
Attebery, David	Korte, Scott	Heng, Xiao
Calcutt, Mick	Picking, Bill	Lynch, Joseph
Casterline, Ben	Popejoy, Sid	Ma, Wenjun
Chandrasekhar, Anand	Rehard, David	
Cui, Taixing		<b>Others in Attendance</b>
Griffiths, Anthony		Hamilton, Anna
Hynes, Steve		Henegar, Jeff
		Szewczyk, Michael
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I. IBC Chairman called the meeting to order at 2:15pm, after the VA meeting.

II. Approval of 2/19/2026 Meeting Minutes

*IBC members reviewed the meeting minutes. The IBC Chairman called for motions for approval. There were two motions for approval and a final request for a vote. 10 members voted for approval. 0 No. 3 Abstain.*

III. Protocol reviews

A. New and Renewal Protocols Involving Recombinant and/or Synthetic Nucleic Acid Molecules, Requiring Full Committee Review

1. Mawhinney, Thomas (10389)

Mucins, Pathogens, and Inflammation in Cystic Fibrosis (IBC # 08-03)

**Guideline: Section E**

*Containment: BSL-2*

*Training: Up to date*

*Inspection: Passed*

*Status: Approved*

*Committee deliberations: There were two motions for approval and a final request for a vote.*

*After discussion, all members voted in favor of approval. 0 No. 0 Abstain.*

2. Yokom, Adam (18820)

Expression and Purification of Human Autophagy Related Proteins

**Guideline: Sections D, D-2**

*Containment: BSL-2*

*Training: Up to date*

*Inspection: Passed*

*Status: Approval via DMR*

*Committee deliberations: There were two motions for approval via DMR with Calcutt and a final request for a vote. After discussion, all members voted in favor of approval once the Designated Member Reviewer is satisfied. 0 No. 0 Abstain.*

3. Spencer, Thomas (10135)

Biological Role of Uterine Glands in Pregnancy

**Guideline: Sections D-3, E, E-3, F**

Containment: BSL-2

Training: Up to date

Inspection: Passed

Status: Approval via DMR

*Committee deliberations: There were two motions for approval via DMR with Rehard and a final request for a vote. After discussion, all members voted in favor of approval once the Designated Member Reviewer is satisfied. 0 No. 0 Abstain.*

**4. Palaniyandi, Senthilnathan (18920)**

Novel therapeutic approach to hematological malignancies

**Guideline: Section D-4**

Containment: BSL-2

Training: Up to date

Inspection: Passed

Status: Approved

*Committee deliberations: There were two motions for approval and a final request for a vote. After discussion, all members voted in favor of approval. 0 No. 0 Abstain.*

**5. Jia, Guanghong (12440)**

Endothelial mineralocorticoid receptors in diet-induced skeletal muscle insulin resistance

**Guideline: Sections D, D-4**

Containment: BSL-2

Training: Up to date

Inspection: Passed

Status: Approved

*Committee deliberations: There were two motions for approval and a final request for a vote. After discussion, all members voted in favor of approval. 0 No. 0 Abstain.*

**6. Lange-Osborn, Margaret (10225)**

Host-Virus Interactions in Mammalian Cells

**Guideline: Sections D, D-2, D-3, D-7, E**

Containment: BSL-2

Training: Up to date

Inspection: Passed

Status: Approved

*Committee deliberations: There were two motions for approval and a final request for a vote. After discussion, all members voted in favor of approval. 0 No. 0 Abstain.*

**B. Amendments Involving Recombinant and/or Synthetic Nucleic Acid Molecules, Requiring Full Committee Review**

**1. Franz, Alexander (16980)**

Mosquito-Arbovirus Interactions

**Guideline: Sections D, D-2, E**

Containment: BSL-2

Training: Up to date

Inspection: Passed

Status: Approved

*Committee deliberations: There were two motions for approval and a final request for a vote. After discussion, all members voted in favor of approval. 0 No. 0 Abstain.*

**C. New and Renewal Protocols Requiring IBC Chair and Biological Safety Officer Review Only**

1. **Lee, Kiho** (18562)  
Genome editing in avian cells  
*Training:* Up-to-date  
*Inspection:* Passed  
*Status:* Approved
  
2. **Emerson, Jane** (19200)  
A Phase 3, Randomized, Double-Blind, Placebo-Controlled Trial Evaluating the Efficacy and Safety of Human Allogeneic Cardiosphere-Derived Cells for the Treatment of Duchenne Muscular Dystrophy (HOPE-3)-Protocol No. CAP-1002-DMD-04  
*Training:* Up-to-date  
*Inspection:* Passed  
*Status:* Approved

**D. Amendments Requiring IBC Chair and Biological Safety Officer Review Only**

PI (#)	Submitted	Title	Notes
<b>Edwards, Wilson</b> (12901)	2/4	Development of radiotracers for molecular imaging	<i>Chair, EHS Approved</i> <i>2/24</i>
<b>Zhang, Bing</b> (10661)	2/23	Neurogenetic studies of behavior and brain function using Fruitflies ( <i>Drosophila</i> )	<i>EHS Approved</i> 2/24
<b>Limberg, Jacqueline</b> (17040)	1/21	Neural cardiovascular control in humans	<i>EHS Approved</i> 3/2
<b>Parrish, Alan</b> (15480)	2/11	Toxicant-Induced Cancer Progression	<i>Chair, EHS Approved</i> 3/2
<b>Olson, Rachel</b> (10064)	2/27	LIDR Animal Infection and Monitoring Services Core	<i>EHS (Hynes/BSL3 &amp; BSO) Approved</i> 3/4
<b>Griffiths, Anthony</b> (20760)	2/18	Toward vaccines and treatments of Risk Group 2 and 3 viruses	<i>Chair, EHS Approved</i> 3/4
<b>Ganta, Roman</b> (18560)	2/10	Cellular and molecular evaluation of tick-borne Rickettsial pathogens of the genera Ehrlichia, Anaplasma and Rickettsia in support of advancing basic and translational research	<i>EHS Approved</i> 3/4
<b>Phan, Minh</b> (23960)	2/2	Cell-Matrix Interaction for Cellular Manipulation	<i>Chair, EHS Approved</i> 3/4

#### IV. Business

##### A. DMR UPDATE

PI (#)	Reviewer	Submitted	Title	Notes
<b>Olson</b> , Rachel (11160)	Kalera Hynes	1/12	Prevention and treatment of acute respiratory disease caused by coronaviruses	<i>BSL3 Inspection scheduled Hynes approved 2/27</i>
<b>Alam</b> , Perwez (19140)	Ma Korte	1/22	Transduction of mouse, and rat cardiac muscle cells with adeno/ adenoassociated viral vectors expressing rejuvenation associated genes, flourescent proteins, and short hairpin RNAs.	<i>Inspected Korte approved 3/4</i>

##### B. Policies

1. Toxins of Biological Origin, 2013
  - Version 2.0 Tabled
2. IBC Guidelines for working with SARS-CoV-2, 2025
  - *There were two motions for approval and a final request for a vote. After discussion, all members voted in favor of approval. 0 No. 0 Abstain*
  - *Admin to update website with approved guidelines.*

#### V. Biosafety Official Report

A. Non-Compliance: Mouse roto-rod work was found outside of Biosafety Cabinet. The protocol stated said work would be contained within a BSC.

➤ *IBC to prepare a written statement for the PI and the ACUC.*

B. BSC verification company has been unresponsive. EHS is looking at other companies.

#### VI. Select Agent Responsible Official Report

A. Tours of LIDR are available for IBC members during the shutdown.

B. Non-Compliance: Personnel tried to access a LIDR lab during the shutdown. The incident is being investigated, and access has been suspended to individuals involved.

#### VII. Institutional Official Report

A. Henegar: The BSL2 influenza center for emerging diseases is opening soon. Tours are available of the six rooms.

#### VIII. Closing remarks by IBC Chair, Members, and Adjournment

A. The meeting was adjourned at 4:05pm