



**University of Missouri-Columbia**  
**Institutional Biosafety Committee**  
**Meeting Minutes**  
 February 19, 2026, 2:00–4:00pm

<b>Members in Attendance</b>		<b>Members Absent</b>
Aarattuthodi, Suja	Korte, Scott	Calcutt, Mick
Attebery, David	Lynch, Joseph	Casterline, Ben
Chandrasekhar, Anand	Ma, Wenjun	Griffiths, Anthony
Cui, Taixing	Picking, Bill	Heng, Xiao
Dickerson, Marie	Popejoy, Sid	<b>Others in Attendance</b>
Hynes, Steve	Rehard, David	Hamilton, Anna
Kalera, Karishma		Kennett, Michele
		Szewczyk, Michael

**I. IBC Chairman called the meeting to order at 2:00pm**

**II. Approval of 1/15/2026 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. 11 members voted for approval. 0 No. 2 Abstain.*

**III. Protocol reviews**

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

**1. Phan, Minh (23960)**

Cell-Matrix Interaction for Cellular Manipulation

**Guideline: Section III-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. Alam, Perwez (19140)**

Transduction of mouse, and rat cardiac muscle cells with adeno/ adenoassociated viral vectors expressing rejuvenation associated genes, flourescent proteins, and short hairpin RNAs.

**Guideline: Section D3**

*Containment:* BSL-2

*Training:* Up to date

*Inspection:* Passed

*Status:* Approval via DMR

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

**3. Anderson, Deborah (17500)**

Diagnostics for vector-borne pathogens

**Guideline: Section D3**

Containment: BSL-3

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.*

**4. Gangwani, Laxman (18782)**

Molecular basis of neurodegenerative disorders

**Guideline: Section D-3**

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. Lee, Kiho (10384)**

Multiple Projects Involving Recombinant Laboratory Work and Generation of Genetically Engineered Pigs

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

Containment: BSL-1

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. 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: Tabled

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

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

**7. Mendoza-Cozatl, David (10266)**

Understanding mineral nutrition in model plants.

**Guideline: Section E-2**

Containment: BSL-1

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.*

**8. Wan, XiuFeng Henry (10151)**

Influenza Infection and Husbandry for Animal Studies

**Guideline: Section D-4, D-7**

*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. New and Renewal Protocols Involving Other Biohazardous Materials, Requiring Full Committee Review**

**1. Brown, Britlyn (15780)**

NextGen Precision Health Clinical and Translational Sciences Unit-East

*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. Du, Xiangwei (10398)**

Select Agent Biological Toxins-Exempt Quantities Used in Analytical Standard, Diagnostic References and Diet Preparation

*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.

**3. Olson, Rachel (11160)**

Prevention and treatment of acute respiratory disease caused by coronaviruses

*Containment:* BSL-3

*Training:* Up-to-date

*Inspection:* Passed

*Status:* Approval via DMR

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

**C. Amendments Requiring Full Committee Review**

None

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

**1. Rottinghaus, Susan (18860)**

Cell and Immunobiology Core Facility - Renewal

*Training:* Up-to-date

*Inspection:* Passed

*Status:* Approved

**2. Bivens, Nathan (10620)**

Genomics Technology Core Single Cell Services

*Training:* Up-to-date

*Inspection:* Passed

*Status:* Approved

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

PI (#)	Submitted	Title	Notes
<b>Kelleher</b> , Andrew (18440)	11/21	Mechanisms Governing Uterine Epithelial Plasticity	<i>EHS Approved 1/21</i>
<b>Boychuk</b> , Carie (19660)	1/13	Dissecting Central Circuits	<i>EHS Approved 1/21</i>
<b>Anderson</b> , Carolyn (13800)	1/12	Development and Design of New Radiopharmaceuticals	<i>EHS Approved 1/21</i>
<b>Domeier</b> , Timothy (11660)	1/22	Cardiomyocyte Structure and Function in Human Disease	<i>EHS Approved 1/22</i>
<b>Moore</b> , Susan (18240)	1/22	MU VMDL One Health Laboratory Rabies Serology Testing	<i>EHS Approved 1/22</i>
<b>Dye</b> , Bruce (23561)	1/23	QA microbiology at MURR	<i>EHS Approved 1/27</i>
<b>Martinez-Lemus</b> , Luis (17080)	1/23	Mechanisms of endothelial dysfunction and arterial stiffening	<i>Chair, EHS Approved 1/29</i>
<b>Olson</b> , Rachel (10064)	12/16	LIDR Animal Infection and Monitoring Services Core	<i>Hynes and Rehard Approved 1/29</i>
<b>Domeier</b> , Timothy (11660)	1/27	Cardiomyocyte Structure and Function in Human Disease	<i>EHS Approved 1/29</i>
<b>Kannan</b> , Raghuraman (16701)	2/2	In vitro and In vivo evaluation of metallic and polymeric nanoparticle drug delivery systems	<i>EHS Approved 2/3</i>
<b>Shiu</b> , Patrick Ka Tai (10562)	2/2	Meiotic Silencing by Unpaired DNA	<i>EHS Approved 2/3</i>
<b>Arnold</b> , David (18720)	2/2	Mechanisms of Aging and Neurological Disease	<i>EHS Approved 2/3</i>
<b>Winuthayanon</b> , Wipawee (18080)	12/23	Steroid hormone action in the reproductive system and non-hormonal contraceptive development	<i>EHS Approved 2/3</i>
<b>Li</b> , De-Pei (14900)	1/5	Viral vector-mediated transgenic approaches in rodent brain	<i>EHS Approved 2/3</i>
<b>Durie</b> , Clarissa (16420)	1/21	Protein secretion by the Legionella pneumophila Dot/Icm T4SS	<i>EHS Approved 2/12</i>
<b>Weisman</b> , Gary (15260)	1/22	Biochemistry/Molecular Biology of Nucleotide Receptors in Mammalian Cells	<i>EHS Approved 2/12</i>
<b>Griffiths</b> , Anthony (20760)	2/10	Toward vaccines and treatments of Risk Group 2 and 3 viruses	<i>Chair, EHS Approved 2/18</i>
<b>Newton-Northup</b> , Jessica (10212)	1/27	Cell Line Identification and Characterization by Dual Targeting of Phenotypic Markers	<i>EHS Approved 2/18</i>
<b>Chen</b> , Shiyong (10310)	2/10	Artery wall homeostasis, targeting response gene to complement 32 to alleviate vascular remodeling, Novel Mechanisms underlying abdominal aortic aneurysm progression, Dedicator of cytokinesis 2 in pulmonary arterial	<i>EHS Approved 2/18</i>

		hypertension, Dedicator of cytokinesis 2 in Aortic Valve Calcification	
<b>Singh, Pawan</b> (15640)	2/2	Role of Flaviviruses in Pathogenesis of Ocular Infections	<i>EHS Approved 2/18</i>

#### IV. Business

##### A. DMR UPDATE

PI (#)	Reviewer	Submitted	Title	Notes
<b>Singh, Kamendra</b> (15620)	Calcutt	10/24	Cloning genes for bacterial, viral and eukaryotic proteins into bacterial plasmids	<i>Dec DMR Approved 1/20</i>
<b>Beerntsen, Brenda</b> (10129)	Dickerson Korte	9/15	Mosquito susceptibility to parasites	<i>Oct DMR Approved 1/30</i>
<b>Balboula, Ahmed</b> (23641)	Dickerson	7/1	Mechanisms regulating human oocyte meiosis	<i>August DMR – Dickerson Approved 1/29</i>

##### B. [Policies/Guidelines](#)

###### 1. Toxins of Biological Origin, **2013**

Rehard presented updated policy options which prompted discussion. Policy was tabled.

###### 2. IBC Policy for working with SARS-CoV-2, **2025**

Voting next month on policy.

#### V. BSO Report

A. Hood certifiers have been chosen. Certifications ongoing.

#### VI. Select Agent RO/ARO Report

A. All pathogens have been placed in locked long-term storage freezers. No infected animals remain.

We are scheduled to be back up and running the first week of April.

B. EHS lab inspections are scheduled for March.

C. They have also scheduled Lab Tours with MUPD and Columbia Fire Department's Hazmat crews.

#### VII. Institutional Official Report

A. None

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

A. The meeting was adjourned at 3:20pm