



University of Missouri-Columbia Institutional Biosafety Committee

Meeting Minutes

January 15, 2026, 2:00–4:00pm

Members in Attendance

Aarattuthodi, Suja	Korte, Scott
Chandrasekhar, Anand	Kalera, Karishma
Cui, Taixing	Lynch, Joseph
Dickerson, Marie	Picking, Bill
Griffiths, Anthony	Popejoy, Sid
Hynes, Steve	Rehard, David

Members Absent

Attebury, David	Heng, Xiao
Calcutt, Michael	Ma, Wenjun
Casterline, Ben	

Others in Attendance

Hamilton, Anna	O'Connor, Erin
Henegar, Jeff	Szewczyk, Michael
Rhoades, Jamie	

I. New IBC Chairman, Dr. Bill Picking, called the meeting to order at 2:00pm

II. Approval of 12/18/2025 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. All members voted for approval. 0 No. 0 Abstain.

III. Approval of 1/8/2026 Business 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. 12 members voted for approval. 0 No. 1 Abstain.

IV. Protocol reviews

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

1. Ateya, Mostafa (11060)

Immunity of Escherichia coli infections

Guideline: Sections D, D-2, 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.

B. Amendments Requiring IBC Chair and Biological Safety Officer Review Only

PI (#)	Submitted	Title	Notes
Alam , Perwez (19140)	1/5	Transduction of mouse, and rat cardiac muscle cells with adeno/ adenoassociated viral vectors expressing rejuvenation associated genes, flourescent proteins, and short hairpin RNAs.	<i>Chair, EHS Approved 1/9</i>
Driver , John (17320)	1/5	Genetically modified pigs to model NKT cell immunity to influenza virus infection AND Harnessing natural killer T cells to counteract swine influenza	<i>EHS Approved 1/7</i>
Lee , Kiho (10384)	12/1	Multiple Projects Involving Recombinant Laboratory Work and Generation of Genetically Engineered Pigs	<i>EHS Approved 1/5</i>
Durie , Clarissa (16420)	11/18	Protein secretion by the Legionella pneumophila Dot/Icm T4SS	<i>EHS Approved 1/5</i>
Schnabel , Jennifer (17800)	12/1	MU OneHealth Biorepository Protocol	<i>EHS Approved 1/5</i>
Lee , Kiho (23080)	1/7	Generation of genome edited birds	<i>EHS Approved 1/9</i>
Yokom , Adam (18820)	1/5	Expression and Purification of Human Autophagy Proteins	<i>Chair, EHS Approved 1/12</i>
Yolcu , Esmā (11560)	11/26	Umbrella IBC for Shirwan and Yolcu programs	<i>EHS Approved 1/12</i>
Ding , Shinghua (10109)	1/5	Study of brain ischemia using in vivo and in vitro models	<i>EHS Approved 1/12</i>
Li , De-Pei (16320)	1/5	Using Tetrodotoxin in in vitro studies	<i>EHS Approved 1/12</i>
Li , De-Pei (20840)	1/2	The role of Kv1.3 in chemo brain	<i>EHS Approved 1/12</i>
Nutter , Curtis (21260)	1/7	RNA regulation of membrane transport, neurological development and disease	<i>Chair, EHS Approved 1/13</i>
Sparks , Erin (22841)	1/12	Development and Function of Plant Roots	<i>EHS Approved 1/13</i>

V. Business

A. DMR UPDATE

PI (#)	Reviewer	Submitted	Title	Notes
Singh , Kamlendra (15620)	Calcutt	10/24	Cloning genes for bacterial, viral and eukaryotic proteins into bacterial plasmids	<i>Dec DMR Returned to PI</i>
Hamilton , Corri (22740)	Kalera	6/4	Select Agent - Ralstonia solanacearum race 3 biovar 2	<i>Nov DMR – Kalera Returned to PI</i>
Beerntsen , Brenda (10129)	Dickerson Korte	9/15	Mosquito susceptibility to parasites	<i>Oct DMR – pending on Korte</i>
Balboula , Ahmed (23641)	Dickerson	7/1	Mechanisms regulating human oocyte meiosis	<i>August DMR – Dickerson Returned to PI</i>

B. Policies

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

- David Rehard volunteers to work on policy with expert in field, procured by Dr. Picking

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

- Pending on new voting policy

VI. BSO Report

A. BSO working with BSC companies for certifications

VII. Select Agent RO/ARO Report

A. None

VIII. Institutional Official Report

A. Absent

IX. Tabled

Ma, Wenjun (23640)	Korte Griffiths	7/1	Using reverse genetics-derived and wild type SARS-CoV-2 viruses to understand virus biology and test antiviral and vaccine efficacy	<i>Tabled in August, September, October, pending policy edits. November DMR Griffiths/Korte IO called back to FCR December TABLED</i>
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X. Closing remarks by IBC Chair, Members, and Adjournment

A. The meeting was adjourned at 2:45pm