



**Office of the Vice President
for Research**

Institutional Biosafety Committee

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TEMPLE UNIVERSITY
INSTITUTIONAL BIOSAFETY COMMITTEE
IBC Meeting Minutes- Online Meeting
October 21, 2025 12:02 pm

Members

X	Black, Dr. Mark- Community Member
X	Bradley, Carlos- Community Member
X	Culmer-Butler, Dr. Dorian- Animal Containment Expert
X	Escalante, Dr. Ananias- Scientist
	Forste, Dr. Dawn- Animal Containment Expert
X	Lupinski, Gregory- EHRS Executive Director
X	Mettus, Richard- Senior Health & Safety Specialist
X	Mobo, Dr. Ben Hur Jr.- Occupational Health Administrator
X	Moore, Claudia- IACUC Asst. Director
X	Murray, Krista- IBC Assistant Director
X	Pultro, Mary- IBC Sr. Coordinator
X	Sariyer, Dr. Ilker- IBC Vice-Chair, Scientist
X	Sawaya, Dr. Bassel- Scientist
X	Sulistijo, Dr. Endah- University Biosafety Officer
X	Tsygankov, Dr. Alexander- IBC Chair, Scientist
	Whelan, Dr. Kelly- Scientist
	Wimmer, Dr. Mathieu- Scientist

X= Present

Quorum was met for this meeting.
All decisions were unanimous.

Guests

Baglia, Frank- Senior Health & Safety Specialist
Collyer, Eileen- Associate Health & Safety Specialist
Gan, Peiheng- Scientist
Hao, Lanping- Associate Health & Safety Specialist
Khan, Sabina- Senior Health & Safety Specialist
Kidder, Abigail- IACUC Analyst

I. Announcements

Dr. Tsygankov reminded the IBC members that the November meeting was moved to November 25, 2025. He also thanked those members who had completed the CITI IBC Membership training online and reminded anyone who hadn't to complete it as soon as they could.

II. Other Business

None

III. Minutes Reviewed

Minutes from the August 19, 2025 and September 16, 2025 meetings were reviewed. The motion to approve the minutes was made and approved unanimously.

IV. Protocols Reviewed

PI: Lelkes, Peter	Reg: 11310	Activity: 6-year Rewrite	NIH: III-F	BSL: 2
Title: Tissue Engineering and Regenerative Medicine Laboratory				
Overview: Differentiation optimization of human mesenchymal stem cells into either bone cells, cartilage, or fat cells and heart cells. Study of the effects of “smart” biomaterials (bioactive or inductive biomaterials) on the osteogenic/odontogenic differentiation of human mesenchymal dental pulp cells (DPSC) and human stem cells of the apical papilla (SCAP) and induced pluripotent stem cells (iPSC). Establishment of a high fidelity 3-dimensional cancer model or organoid of cancer angiogenesis.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Correct BSC certification date in SOP2.0.				
Final Action: modifications required				

PI: Son, Young-Jin	Reg.: 11316	Activity: 6-year Rewrite	NIH: III-D-3, 4; III-E-3	BSL: 1
Title: Dorsal Root Entry Zone				
Overview: Use of AAV-GFP vectors to visualize regeneration of nerve cells into the spinal cord by fluorescently labeling sensory axons following dorsal root injury model of adult mice.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Clarify where AAV is produced. Add hazardous drug to Section 5a. Provide the SDS. Need signatures of PI and chair.				
Final Action: modifications required				

PI: Contreras, Oscar	Reg.: 11311	Activity: Initial BRF	NIH: III-D-4; III-E-1	BSL: 2
Title: Targeting the Gatekeepers: Bolstering Blood-Brain Barrier Function Using Targeted Nanomedicine in Acute Ischemic Stroke				
Overview: Use of nanocarriers to deliver drugs and genetic materials into the brain				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need to work with ULAR on animal use rooms and clarify animal strain lists. Need training dates and building/room numbers. Need to list all drugs and hazardous materials in 2i and 4b. EHRS must perform inspection of lab before work is initiated.				
Final Action: modifications required				

PI: Elrod, John	Reg.: 11101	Activity: Amendment	NIH: III-D-1, 2, 3, 4; III-E-1, 2, 3	BSL: 2
Title: Mitochondrial Calcium Exchange in Heart Disease				
Overview: New AAV vector plasmid that would be transduced into cell lines in vitro to express Cas12j protein.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Li, Shuxin	Reg.: 11094	Activity: Amendment	NIH: III-D-1, 3, 4; III-E-1, 3	BSL: 2
Title: Regeneration of Cortical Spinal Cord Axons Following Injury				

Overview: Addition of a lentiviral plasmid and AAV plasmid to express green fluorescent protein in certain cell types.
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.
Final Action: approved

PI: Torres-Ayuso, Pedro	Reg.: 11055	Activity: Amendment	NIH: III-D-1, 4; III-E-1, 3; III-F	BSL: 2
Title: Exploring the Understudied Kinome for Novel Targets in Squamous Cell Carcinomas				
Overview: Addition of new animal strains, viral particles, antibodies and cell models to continue study of cancer therapeutics.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Clarify tamoxifen use in animal model. Include map for vector construct.				
Final Action: modifications required				

PI: Kosmider, Beata	Reg.: 11134	Activity: Amendment	NIH: III-D-1, 2, 3, 7; III-E-1	BSL: 2
Title: Lung Cell Studies (In Vitro)				
Overview: mRNA nanoparticle assembly, evaluation, and interactions with cell cultures.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Buttarro, Bettina	Reg.: 11148	Activity: Annual Renewal	NIH: III-D-1	BSL: 2
Title: Biofilm Structure, Function, and Inhibition				
Overview: Interaction of <i>Enterococcus faecalis</i> and <i>Candida albicans</i> in biofilms and genome sequencing of carbapenem-resistant <i>Acinetobacter baumannii</i> .				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Sariyer, Ilker	Reg.: 11048	Activity: Annual Renewal	NIH: III-D-3, 4	BSL: 2+
Title: Cell Biology and Functional Analysis of HIV Infected Cells				
Overview: Addition of BKV plasmid, monkey kidney epithelial cells, and organoid cultures for use in existing studies.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. NOTE: Dr. Sariyer recused himself and left the meeting for discussion of this protocol.				
Final Action: approved				

V. Old Business
None

VI. New Business

None

VII. Adjournment

The motion to adjourn the meeting was approved unanimously; the meeting adjourned at 1:08 pm.

Respectfully submitted,

Krista Murray

Krista Murray
Institutional Biosafety Committee Assistant Director