Temple University
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 20, 2026 12:01 pm

Members

X	Bradley, Carlos- Community Member
X	Culmer-Butler, Dr. Dorian- Animal Containment Expert
	Escalante, Dr. Ananias- Scientist
X	Forste, Dr. Dawn- Animal Containment Expert
X	Gallo, Dr. Gianluca- Scientist
X	Ladman, Dr. Brian- Community Member
X	Lupinski, Gregory- EHRS Executive Director
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
Collyer, Eileen- Associate Health & Safety Specialist
Hao, Lanping- Associate Health & Safety Specialist
Khan, Sabina- Senior Health & Safety Specialist
Kidder, Abigail- IACUC Analyst
Slupianek, Dr. Artur- Senior Director of Research Regulatory Affairs
Wright, Simone- IBC Analyst

I. Announcements

Ms. Murray announced that the IBC meeting dates for 2027 are now posted on the website. They follow our typical schedule of the 3rd Tuesday of the month, with the exception of the December 2027 meeting, which will be moved to December 14th, 2027.

Ms. Murray thanks those who submitted comments on the draft IBC webform already, and stated if members have not submitted comments yet they still can until the end of the week.

II. Other Business

There is no other business.

III. Minutes Reviewed

Minutes from the September 15, 2026 meeting were reviewed. The motion to approve the minutes was made and approved unanimously.

IV. Protocols Reviewed

PI: Smith, George	**Reg:** 11384	**Activity:** New BRF	**NIH:** III-D-2, 3	**BSL:** 2
Title: Automated 2D Cell & Gene Therapy Manufacturing Platform				
Overview: Evaluation of a proprietary platform which integrates AI automation and a scalable multi-layered roller bottle system, ensuring high-yield, reproducible AAV production with real-time monitoring.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need additional information on handling of AAV outside of device. Need some administrative edits to include training dates and BSC certification dates.				
Final Action: modifications required				

PI: Smith, George	**Reg.:** 11387	**Activity:** 6 year rewrite	**NIH:** III-D-2, 3, 4	**BSL:** 2
Title: Laboratory Projects: 1)Adaptation of Internal Motor Copy Circuits in Recovery after Spinal Cord Injury 2)Genetic Method to Selectively Lesion Axons or Prune Axonal Terminals 3)Role of Serotonin in Motor Control and Recovery After Spinal Cord Injury; Collaborations: Ajay Pal and Jorge Gomez-Deza				
Overview: Virus production and in vivo use.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need clarification of whether projects from original protocol will be carried over into this project. Need clarification of whether AAVs listed in ACUP will be used in this project. Need some administrative edits completed.				
Final Action: modifications required				

PI: Dai, Hai-Lung	**Reg.:** 11385	**Activity:** New BRF	**NIH:** III-E-1	**BSL:** 1
Title: Investigating Bacterial Membrane Permeability and Transport Mechanisms Using Second-Harmonic Light Scattering				
Overview: Use of a non-pathogenic E. coli carrying the mcr-1 gene plasmid to measure real-time molecular-level physical changes in the bacterial membrane upon exposure to antibiotics using non-invasive optical laser spectroscopy (second-harmonic light scattering).				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need to complete edits from pre-review and administrative items.				
Final Action: modifications required				

PI: Rajadhyaksha, Anjali	**Reg.:** 11172	**Activity:** Amendment	**NIH:** III-D-4; III-E-3	**BSL:** 1
Title: The Neurobiological and Neurocircuitry Effects of Drugs of Abuse: Mouse Breeding Protocol				
Overview: Addition of AAV vectors for stereotaxic injections for behavioral analysis and tissue culture experiments.				

Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Clarify whether additional AAVs from ACUP protocol are to be used.
Final Action: modifications required

PI: Kutlu, Munir	**Reg.:** 11240	**Activity:** Amendment	**NIH:** III-D-4	**BSL:** 1
Title: Predicting Maladaptive Aversive Learning Via Computational Modeling of Insular Single-Cell Ensemble Activity Patterns				
Overview: Addition of AAV for stereotaxic injections for behavioral testing and a new transgenic mouse strain.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Thomas, Gareth	**Reg.:** 11291	**Activity:** Amendment	**NIH:** III-D-1, 2, 3; III-E-1	**BSL:** 2
Title: Roles of Palmitoylation in Nervous System Health and Disease				
Overview: Expression of the plasmid via transient transfection of HEK293T cells and examination of the phosphorylation of the FLT3 and downstream signaling pathways.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Kirby, Lynn	**Reg.:** 10957	**Activity:** Amendment	**NIH:** III-D-4**;** III-E-3	**BSL:** 1
Title: Role of the Serotonin System in Opiate and Alcohol Addiction and Relapse				
Overview: Addition of AAV plasmids for in vivo experiments.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Pal, Ajay	**Reg.:** 11074	**Activity:** Amendment	**NIH:** III-D-2, 4; III-E-1	**BSL:** 2
Title: Harnessing Spinal Cord Associative Plasticity to Improve Functional Recovery after Spinal Cord Injury Rat				
Overview: Addition of vector production by the lab.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need additional detail on production of vector.				
Final Action: modifications required				

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; Promote Axon Regeneration After Optic Nerve Crush Injury; Promote Recovery in Experimental Autoimmune Encephalomyelitis Mice				
Overview: Addition of AAV plasmids for in vitro and in vivo use.				

Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Provide a description of the use of the plasmids and whether they will be generated in the lab.
Final Action: modifications required

PI: Kaminski, Rafal	**Reg.:** 11250	**Activity:** Amendment	**NIH:** III-D-1, 2, 3	**BSL:** 2+
Title: Developing and Validating CRISPR-Based Anti-Viral Approaches				
Overview: Addition of experiments with HSV-1 and 2; adding cell lines.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Clarify who will be working with what materials and the description of the work.				
Final Action: modifications required				

PI: Sebastian, Robin	**Reg.:** 11299	**Activity:** Amendment	**NIH:** III-D-1	**BSL:** 2
Title: Elucidating Mechanisms of Genome Stability During DNA Replication				
Overview: Addition of new lentiviral materials used for CRISPR-based studies of genes.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Borriello, Lucia	**Reg.:** 11037	**Activity:** Amendment	**NIH:** III-D-3, 4; III-E-3	**BSL:** 2
Title: Understanding the Mechanisms of Metastasis				
Overview: The use of SMARTvector Inducible Mouse Stat5a in in-vivo & in-vitro experiments.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Garikipati, Venkata	**Reg.:** 11162	**Activity:** Amendment	**NIH:** III-D-1, 2, 4	**BSL:** 2
Title: Role of Non-Coding RNAs in Cardiovascular Disease				
Overview: Systemic delivery of snoRNA mimic using lipid nanoparticles; MCF-7 cell culture and experiment.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need clarifications of room numbers and SOPs.				
Final Action: modifications required				

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 mouse strains and new adenoviruses to induce non-small cell lung tumors by intranasal instillation of the viral particles.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Khalili, Kamel	**Reg.:** 11034	**Activity:** Amendment	**NIH:** III-D-2, 3, 4; III-E-1, 3	**BSL:** 2+
Title: Cas9/gRNA Editing for Viral Therapeutics in vitro and in vivo HIV, HTLV-1, AAV				
Overview: Addition of scramble shRNA to be used for lentiviral delivery.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Arosarena, Oneida	**Reg.:** 11175	**Activity:** Amendment	**NIH:** III-D-4	**BSL:** 2
Title: Small Molecule Inhibitors of Leucine Carboxyl Methyltransferase-1(LCMT-1) Inhibit Cancer Cells				
Overview: Addition of CAL27 and FaDu head and neck cancer cell lines.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need SOP2.0 for human cell lines.				
Final Action: modifications required				

V. Adjournment

The motion to adjourn the meeting was approved unanimously; the meeting adjourned at 1:40 pm.

Respectfully submitted,

Krista Murray

Krista Murray
Institutional Biosafety Committee Assistant Director