

TEMPLE UNIVERSITY
INSTITUTIONAL BIOSAFETY COMMITTEE
IBC Meeting Minutes- Online Meeting
November 25, 2025 12:02 pm

Members

X	Black, Dr. Mark- Community Member
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	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	Pultró, 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
X	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
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
Dr. Tsygankov welcomed Dr. Gianluca Gallo, a new scientific member on the committee.

II. Other Business
None

III. Minutes Reviewed

Minutes from the October 21, 2025 meeting were reviewed. The motion to approve the minutes was made and approved unanimously.

IV. Protocols Reviewed

PI: Sebastian, Robin	Reg: 11299	Activity: Initial BRF	NIH: III-D-1, 2; III-E-1; III-F	BSL: 2
Title: Elucidating Mechanisms of Genome Stability During DNA Replication				
Overview: Define DNA double-strand break-induced control of chromatin binding of the TIMELESS-TIPIN complex. Elucidate moonlighting functions of the TIMELESS-TIPIN complex in the nucleolus and mitochondria. Study cooperative roles of the cohesion complex and 53BP1 in genome stability.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. EHRS lab inspection is needed. Confirm PI has completed BBP training and correct the NIH Guidelines Sections.				
Final Action: modifications required				

PI: Holt, Leanne	Reg.: 11320	Activity: Initial BRF	NIH: III-D-4	BSL: 1
Title: Investigation of the Molecular Mechanisms Underlying Astrocytic CREB's Regulation of Cocaine Drug-Seeking				
Overview: Viral tools in mouse models will be used to examine if astrocytic CREB regulates neuronal activity to drive cocaine drug-seeking.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need EHRS lab inspection. Need to fix some room numbers on the SOPs and BRF, and the SOP needs the names of the personnel and date of training.				
Final Action: modifications required				

PI: Liu-Chen, Lee-Yuan	Reg.: 11289	Activity: Amendment	NIH: III-D-1; III-E-1	BSL: 2
Title: In vitro and In vivo Characterization of Kappa Opioid Receptor				
Overview: Add 3 AAV vectors for monosynaptic retrograde tracing in the mouse brain.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Zhou, Zhengjie	Reg.: 11294	Activity: Amendment	NIH: III-D-4, 7	BSL: 2
Title: Precision Nanomedicine Targeting Pulmonary Inflammatory Mechanisms				
Overview: Addition of SOCS1 mRNA and Morf411 siRNA loaded nanoparticles for cell treatment, including SOCS1 mRNA overexpression and Morf411 knockdown. LNP delivers mRNA or siRNA in cells.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Need to include new personnel in ECP.				
Final Action: modifications required				

PI: Rajadhyaksha, Anjali	Reg.: 11172	Activity: Amendment	NIH: III-D-4; III-E-3	BSL: 1
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Title: The Neurobiological and Neurocircuitry Effects of Drugs of Abuse; Mouse Breeding Protocol
Overview: Addition of an AAV for stereotaxic injection into the brain of an animal model for behavioral analysis.
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: Addition of new breast cancer cell lines to be transduced with lentiviral vectors for bioluminescent imaging and GFP fluorescence.				
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 (SCI)				
Overview: AAV vectors will selectively modulate defined spinal interneuron populations in animal models with cervical spinal cord injury to determine how excitatory-inhibitory circuit balance influences spasticity and functional recovery.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Liu, Xiaolei	Reg.: 11020	Activity: Amendment	NIH: III-D-4; III-E-1, 3	BSL: 1
Title: Dissecting the Functional Roles of Cardiac Lymphatic Vasculature in Cardiovascular Disease				
Overview: Add plasmids which will be used to transfect cultured lymphatic endothelial cells to overexpress genes of interest in vitro.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Provide additional description of work to be performed after cell modification. Include statement that LVV production of plasmids is for in vitro work only. Add NIH Category III-E-1 to the registration.				
Final Action: modifications required				

PI: Giovanniello, Jacqueline	Reg.: 11204	Activity: Amendment	NIH: III-D-4; III-E-3	BSL: 1
Title: Revealing the Neural Mechanisms of Striatal Control of Stress-Induced Habits in 16p11.2 Microdeletion Mice				
Overview: Addition of 3 AAV viruses for stereotaxic injection into brains of animal model to monitor sensor activity in the animals during learning.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices. Clarify map that was provided as it's not an AAV vector map.				
Final Action: modifications required				

PI: Gould, Alison	Reg.: 11241	Activity: Annual Renewal	NIH: III-E-1	BSL: 1
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Title: Investigating the Specificity of the Siphamia-Photobacterium Symbiosis
Overview: Introduction of a bioluminescent marine bacterium into fish larvae; sequencing of RNA transcripts; analysis of the presence of the bioluminescent symbiont in the light organs of the fish hosts.
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.
Final Action: approved

PI: Kutlu, Munir	Reg.: 11240	Activity: Annual Renewal	NIH: III-D-4	BSL: 1
Title: Predicting Maladaptive Aversive Learning Via Computational Modeling of Insular Single-Cell Ensemble Activity Patterns				
Overview: AAV injection into the brain of animal models to introduce green fluorescence sensor for tracing studies.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

PI: Kaminski, Rafal	Reg.: 11250	Activity: Annual Renewal	NIH: III-D-1, 2, 3	BSL: 2+
Title: Developing and Validating CRISPR-Based Anti-Viral Approaches				
Overview: Design and validation of CRISPR-Cas9 gRNAs for the excision of HIV-1 transgene from rat embryo fibroblast cell lines.				
Discussion: The IBC reviewed the procedures, containment level, facilities to be used, lab member training, containment procedures and work practices.				
Final Action: approved				

V. Adjournment

The motion to adjourn the meeting was approved unanimously; the meeting adjourned at 1:05 pm.

Respectfully submitted,

Krista Murray

Krista Murray
Institutional Biosafety Committee Assistant Director