

Minutes of the CSU Institutional Biosafety Committee

Meeting Date: April 3, 2026

Members in Attendance:

Geyou Ao, Dave Diggins, Bibo Li, Jim Lissemore, Barsanjit Mazumder (IACUC), Carrie Millward, Andy Resnick, Aaron Severson (Chair)

Non-Voting Ex Officio Members and Guests in Attendance:

Mike Samec, Environmental Health and Safety

Meeting Convened: 1:04 pm via Zoom

Conflict of Interest Reminder

The Chair reminded the committee that per NIH Guidelines IV-B-2-a(4), no member of an Institutional Biosafety Committee may be involved (except to provide information requested by the Institutional Biosafety Committee) in the review or approval of a project in which he/she has been or expects to be engaged or has a direct financial interest, and therefore IBC members must declare any conflicts of interest with protocols on the agenda before any discussion commences. Members with a conflict will be placed into the Zoom waiting room during the discussion of the relevant protocol.

IBC member Bibo Li is a collaborator on one of the projects on the the agenda and was placed in a Zoom waiting room during the discussion of that proposal. No other conflicts were identified.

Approval of Agenda

The IBC Chair suggested an amended agenda with a change to the order in which proposals were discussed and asked if members wanted to discuss any other changes. No other changes were suggested. The amended agenda was approved.

Approve: 7 | Against: 0 | Abstain: 0

Approval of Minutes

The IBC Chair asked if any members wanted to discuss the draft minutes of the December 10, 2024 meeting. No changes were suggested. The minutes were approved.

Approve: 6 | Against: 0 | Abstain: 1

Incident Reporting

None.

Discussion of IBC policy proposals

- Policy 2026040301 quorum requirements
Approve: 7 | Against: 0 | Abstain: 0
- Policy 2026040302 facilitated review
Approve: 7 | Against: 0 | Abstain: 0
- Policy 2026040303 voting status of IACUC chair
Approve: 7 | Against: 0 | Abstain: 0

Recognition of IACUC Chair as a voting member The committee recognized Barsanjit Mazumder as a voting member of the IBC, consistent with IBC Policy 2026040303 and the approved CSU IBC roster in the NIH OSP Registration Management System.

Notice of Terminated and Expired Protocols:

Expiration Date	Proposal ID	Investigator	Title
* 4/5/2026	IBC-2023-001	Girish Shukla	Targeting Androgen Receptor of prostate cancer therapy by anti-sense oligonucleotides
** 4/5/2026	IBC-2023-004	Junior Gonzales	Research and Development of Novel Multiplex Fluorescent Probes

* IBC administrative review determined the proposed research did not involve recombinant or synthetic nucleic acids and was therefore exempt under the NIH Guidelines

** PI has separated from CSU

Vote: The committee voted to acknowledge the expired proposals.

Approve: 8 | Against: 0 | Abstain: 0 | Conflict of Interest: 0

Review of Amendments

None

Review of Continuing Protocols

Investigator: Dr. Jackson Taylor

Project Title: Mechanisms of Lifespan Regulation by Sirt6 in *Drosophila melanogaster*

IBC Protocol ID: IBC-2023-003-01c

Project Overview, Risk Assessment, and Discussion: The proposed research utilizes *Drosophila melanogaster* as a model organism, and the laboratory maintains a large number of fruit fly strains expressing fluorescent markers and other transgenes under, many of which are under the control of the GAL4-UAS system that is widely used in research labs using this organism. The lab utilizes appropriate procedures for BSL1 containment and for disposal of *Drosophila* as biohazardous waste.

NIH Guidelines: III-D-4

Training and Facilities: The PI and laboratory staff who will participate in the proposed experiments have completed basic lab safety and biosafety training. There were no concerns regarding the facilities necessary to accommodate the safety and containment requirements of the proposed experiments.

Vote: The committee voted to approve the proposed research at BSL1.

Approve: 8 | Against: 0 | Abstain: 0 | Conflict of Interest: 0

Investigator: Dr. Nithya Gnanapragasam

Project Title: EKLF and PUM1 mediated regulation of hemoglobin switching and erythropoiesis

IBC Protocol ID: IBC-2023-002-01c

Project Overview, Risk Assessment, and Discussion: The proposed research will use replication incompetent recombinant lentiviral vectors (3 plasmid system) for expression of transgenes and shRNAs to knock down genes of interest in cultured murine and human erythroid cells. Work practices, procedures, and facilities are consistent with BSL2 standards, and PPE,

decontamination, and disposal methods were appropriate. The transgenes being expressed do not create any additional risk.

NIH Guidelines: III-D-1, III-D-3

Training and Facilities: The PI and laboratory staff who will participate in the proposed experiments have completed basic lab safety and biosafety training. Study team members receive in lab training in safe handling and disposal of lentivirus and cultured cells. There were no concerns regarding the facilities necessary to accommodate the safety and containment requirements of the proposed experiments.

Vote: The committee voted to approve the proposed research at BSL2.

Approve: 8 | Against: 0 | Abstain: 0 | Conflict of Interest: 0

Dr. Li left the meeting

Review of New Protocols

Investigator: Dr. Mahesh Ramamoorthy

Project Title: Exploiting a [REDACTED] protein to target [REDACTED]
[REDACTED] in pediatric ALT cancers

IBC Protocol ID: IBC-2026-001-00n

Project Overview, Risk Assessment, and Discussion: The proposed research will use replication incompetent recombinant lentiviral vectors (3 plasmid system) for expression of a *Trypanosoma brucei brucei* protein in cultured human cancer cell lines. Work practices, procedures, and facilities are consistent with BSL2 standards, and PPE, decontamination, and disposal methods were appropriate. The transgene being expressed do not create any additional risk.

NIH Guidelines: III-D-1, III-D-3

Training and Facilities: The PI and laboratory staff who will participate in the proposed experiments have completed basic lab safety and biosafety training. Study team members receive in lab training in safe handling and disposal of lentivirus and cultured cells. There were no concerns regarding the facilities necessary to accommodate the safety and containment requirements of the proposed experiments.

Vote: The committee voted to approve the proposed research at BSL2.

Approve: 7 | Against: 0 | Abstain: 0 | Conflict of Interest: 1

New Business

None.

Meeting Adjourned: 2:04 pm