

Voting Members Present:

A-ME (Chair)
D-NAM
K-NAM
K-BIOL
T-ORIA
M-ORIA
S-BME
K-EHS

Voting Members Absent:

S-BIOL

Non-voting Attendees:

KS-ORIA
KA-ORIA
J-OGC

The full Committee roster is posted publicly on the Georgia Tech website.

All requests from the public to join a Georgia Tech IBC meeting are considered upon request. No such requests were received for this meeting.

1. A quorum being present, the meeting was called to order at 10:00 am.

2. Approval of August 7, 2025 Minutes

The August IBC minutes were sent to committee review. No modifications were requested.

Motion: Approve the minutes as written.

Approve: Five

Disapprove: none

Abstain: Three

3. Registrations/Amendments for Discussion at Today's Meeting

CHAMPION-R100020 (renewal)

Title: Engineering Materials Made from Functional Proteins

Funding: NSF, NIH, Discretionary

Category: Non-exempt, BSL-1, ABSL-1, Section III-E Appendix B-1

Discussion Leaders: S-BME, K-NAM

The Committee and BSO reviewed this renewal submission and evaluated the risk assessment and proposed biocontainment plan. The goal of the proposed work is to create materials made from proteins that can present functional proteins such as different enzymes or therapeutic proteins. The proposed use of multicellular organisms, marker proteins, and bacteria indicates that this work should be classified as non-exempt, BSL-1, ABSL-1 work per NIH Guidelines Section III-E Appendix B-1. The Committee found that the facilities, procedures, practices, training, and expertise of personnel described on this protocol are appropriate

for the proposed work. The PI has identified the potential risks involved with this research and has included plans to mitigate such risks that are suitable for the research described. The Committee discussed the protocol and found that some sections needed to be updated, including updating the details about the use of a biosafety cabinet and listing the in vivo model(s).

Motion: Return the submission to the PI to address reviewer comments concerning use of a biosafety cabinet and inclusion of in vivo models and then return to the reviewers for review

Approve: unanimous

Disapprove: none

Abstain: none

ZHU-R100028 (renewal)

Title: T cell mechanobiology as related to viral infection and cancer

Funding: NIH, Discretionary

Category: Non-exempt, BSL-2, ABSL-1, Section III-D-3-a

Discussion Leaders: K-BIOL, D-NAM

The Committee and BSO reviewed this renewal submission and evaluated the risk assessment and proposed biocontainment plan. The goal of the proposed work is to study how the tumor microenvironment affects T cell antigen recognition and what is the underlying mechanism of T-cell suppression. The proposed use of multicellular organisms, marker proteins, and bacteria indicates that this work should be classified as non-exempt, BSL-1, ABSL-1 work per NIH Guidelines Section III-D-3-a. The Committee found that the facilities, procedures, practices, training, and expertise of personnel described on this protocol are appropriate for the proposed work. The PI has identified the potential risks involved with this research and has included plans to mitigate such risks that are suitable for the research described. The Committee discussed the protocol and found that the general project description needed to be changed to be more understandable to a lay audience and did not include the full scope of the project based on materials listed later in the protocol. The Committee also determined that the biological risk assessment needed to be updated as well.

Motion: Return the submission to the PI to address the reviewer comments about the project description, the clarity of the recombinant / synthetic nucleic acids involved, and the outdated risk assessment. The Committee will then review it at the next IBC meeting.

Approve: unanimous

Disapprove: none

Abstain: none

4. Items not requiring committee discussion or review

The Committee has been provided with a list of protocols, amendments, and renewals to IBC registrations which were approved at or since the last Biosafety Committee meeting (including items exempt from the *NIH Guidelines*). The Committee was also provided with a list of registrations which were withdrawn, expired, or closed since the last Biosafety Committee meeting.

5. Other business

- X

6. Having no further business, this meeting was adjourned at 10:23 am

Next meeting October 2, 2025