

Voting Members Present:

A-ME (Chair)
K-BIOL (Interim Chair)
K-NAM
D-NAM
T-ORIA

Voting Members Absent:

S-BIOL
K-EHS
KA-ORIA
S-BME

Non-voting Attendees:

KS-ORIA
P-ORIA

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 July 16, 2026, Minutes**
The July IBC minutes were sent to the committee for review. No modifications were requested.

Motion: Approve the minutes as written.

Approve: Three

Disapprove: None

Abstain: Two

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

DOUGLAS-GREEN-R100325 (New)

Title: Protein Coronas and Bio-Nano Interactions of Nanoparticles

Funding: Discretionary

Category: Exempt, BSL-2, Section III-F-1

Discussion Leaders: A-BME, K-NAM

The Committee and BSO reviewed this protocol submission and evaluated the risk assessment and proposed biocontainment plan. The goal of the proposed work is to characterize interactions between proteins/biomolecules and nanoparticles and determine how they influence nanoparticle behavior in biological systems, including cellular association and uptake. The proposed use of reporter mRNA, reporter genes and random, non-targeting anti-miR sequences indicates that this work should be classified as Exempt, BSL-2, Section III-F-1. The Committee found that the facilities, procedures, practices, training, and expertise of personnel described in 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 found that the protocol should be recategorized as Exempt since the work satisfies all three of the exemption conditions in the NIH Guidelines.

Motion: Return the protocol to the PI to revise the categorization and NIH Citation, then return to the Chair for review.

Approve: Five

Disapprove: None

Abstain: None

BROCKETT-R100077 (Renewal)

Title: BIOS 2601 Genetics Lab: Fluorescent Protein Discovery Project

Funding: Discretionary

Category: Non-Exempt, BSL-1, Section III-E

Discussion Leaders: D-NAM, T-ORIA

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 use fluorescent proteins as a tool to familiarize undergraduate Genetics Lab students with common molecular biology techniques. The proposed use of marker proteins indicates that this work should be classified as Non-Exempt, BSL-1, Section III-E. The Committee found that the facilities, procedures, practices, training, and expertise of personnel described in 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 requested clarity on whether the appropriate containment level was selected. Containment should be chosen based on the materials being used in the research, for consistency.

Motion: Return protocol to the PI for clarification, then be re-reviewed by ORIA prior to approval.

Approve: Five

Disapprove: None

Abstain: None

BLAZECK-R100075 (Renewal)

Title: Engineering Targeted Transcriptional Reprogrammers for Biomedical and Anti-Cancer Applications

Funding: Discretionary

Category: Non-Exempt, BSL-2, Section III-E-1

Discussion Leaders: K-BIOL, KA-ORIA/T-ORIA

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 develop a new cancer treatment paradigm by developing transcriptional reprogrammers, CRISPR-Cas proteins that explicitly disrupt two different, cancer-specific genomic targets for therapeutic benefit: genomic mutations and differentially expressed genes. The proposed use of marker proteins, genomic editing components, transcriptional activators, transcriptional repressors and RNA binding proteins indicates that this work should be classified as Non-Exempt, BSL-2, Section III-E-1. The Committee found that the facilities, procedures, practices, training, and expertise of personnel described in 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 had no concerns with this protocol.

Motion: Approve the protocol as written.

Approve: Five

Disapprove: None

Abstain: None

4. Other business

IBC Meeting Schedule Adjustment

- The Committee was asked if any member needed to adjust the meeting schedule due to schedule conflicts. The Committee decided to make a minor change to the meeting time, while maintaining the current date.

Next meeting September 3, 2026