



Division of Research and Innovation Research Support Services

Institutional Biosafety Committee Meeting Minutes

Meeting Date: 08/12/2026

Location: [REDACTED]

Meeting Start Time: 10:04 AM **Meeting End Time:** 10:55 AM

The meeting was called to order on 8/12/2026 at 10:04 AM. There were 7 voting members present at the start of the meeting. Quorum was met.

Meeting Attendance:

Meeting Chair: Maya Capleson

Voting Members: Richard Cripps, Carolina Esquer, Natalie Gude, Rick Gulizia, Mikella Robinson, Joe Zwass

Voting-alternate Members: None

Non-voting Members: Alma Flores

Voting Members Absent: Richard Bizzoco, Cynthia Lane, Nicholas Lopez-Galvez, Nicholas Shikuma

Voting-alternate Members absent: None

Non-voting Members Absent: None

IBC Staff: [REDACTED], [REDACTED]

Guests: [REDACTED]

I. Approval of Minutes:

The June 10, 2026 meeting minutes were approved with one abstention from a member not present.

II. New Submissions Full Committee Review – N/A

III. Third Year Renewals Full Committee Review:

Study Number: IBC-26-008

Study Title: *Chemical cartography of infectious diseases*

Principal Investigator: Laura-Isobel McCall

Study Outcome: Approved with minor conditions

Initial Approval: 09/12/2026

Expiration Date: 09/12/2027

Full Renewal Expiration: 09/12/2029

Votes: Unanimous

Study Number: IBC-26-011

Study Title: *Phages in the Human Microbiome*

Principal Investigator: Anca Segall

Study Outcome: Approved with minor conditions

Initial Approval: 08/14/2026

Expiration Date: 08/14/2027

Full Renewal Expiration: 08/14/2029

Votes: Unanimous

IV. Amendments Full Committee Review – N/A

V. Report of Administrative Reviews:

New Submissions Administrative Review - N/A

Third Year Renewals Administrative Review - N/A

Amendments Administrative Review:

Study Number: IBC-24-117

Study Title: *Assessing the Rheological Properties of Irradiated 3D Bioprinted Tumor Models*

Principal Investigator: Mauro Tambasco

Study Outcome: Approved (06/17/2026)

Amendment Description: Added a new cell line (FaDu - Head and neck squamous cell carcinoma) and modified study to include cell imaging and immunogenicity.

Study Number: IBC-24-142

Study Title: *Investigating Membrane Composition in Liposomal Permeation Measurement Assays*

Principal Investigator: Juan Hu

Study Outcome: Approved (06/10/2026)

Amendment Description: This modification adds lentiviral vector production and transduction procedures to generate stable cell lines expressing membrane-anchored sfGFP. Lentiviral particles will be produced in Lenti-X 293T cells using the packaging plasmid psPAX2, envelope plasmid pMD2.G, and the SPYC-LEIH transfer plasmid. Viral supernatant will be collected, filtered through a 0.45 µm PES filter, and used to transduce HEK293T, HeLa, MDA-MB-231, A549, SH-SY5Y and HBEC-5i cells. Transduced cells will be selected with hygromycin B and monitored for GFP expression. Cell membranes will subsequently be isolated and used to prepare fluorescent membrane-derived liposomes for downstream research applications. The modification is needed to establish reproducible fluorescently labeled cell membranes and liposomes for studying membrane-associated processes and assay development.

Annual Continuation Administrative Review:

Study Number: IBC-25-165

Study Title: *Examining Age and Trauma Related Neurodegeneration using Drosophila as a Model System*

Principal Investigator: Kim Finley

Study Outcome: Approved

Annual Expiration Date: 07/08/2026

Study Number: IBC-24-118

Study Title: *The De Novo Design of Protein-Protein Interfaces*

Principal Investigator: John Love

Study Outcome: Approved



Division of Research and Innovation Research Support Services

Annual Expiration Date: 07/07/2026

Study Number: IBC-24-116

Study Title: *Phage Biology, Phage Therapy, Genome Structure, & Phenotype to Genotype*

Principal Investigator: Anca Segall

Study Outcome: Approved

Annual Expiration Date: 07/14/2026

Study Number: IBC-24-112

Study Title: *Social-health and Affective Neuroscience Lab*

Principal Investigator: Tristen Inagaki

Study Outcome: Approved

Annual Expiration Date: 06/25/2026

Study Number: IBC-24-119

Study Title: *Impact of Radiation Dose and Alginate/Gelatin Concentration on the Mechanical Behavior of a 3D Bioprinted Breast Cancer Model*

Principal Investigator: Mauro Tambasco

Study Outcome: Approved

Annual Expiration Date: 06/23/2026

Study Number: IBC-24-117

Study Title: *Assessing the Rheological Properties of Irradiated 3D Bioprinted Tumor Models*

Principal Investigator: Mauro Tambasco

Study Outcome: Approved

Annual Expiration Date: 06/23/2026

Closure Administrative Review – N/A

VI. Other Business – N/A

VII. Biosafety Officer (BSO) Report – N/A

The meeting was adjourned at 10:55 a.m. The next meeting is scheduled for Wednesday, September 9, 2026.