

Minutes of the BNL Institutional Biosafety Committee (IBC) May 9, 2024

Present: A. Adams (non-voting), J. Andrews (non-voting), N. Bernholc, L. Bowerman (non-voting), J. Clark, A. Engel, P. Freimuth, F. Horn, C.J. Liu, G. Martin

IBC Administrator: B. Lettieri (non-voting)

BHSO: B. Bollard

The meeting was held via Teams and in person in the Bldg. 120 second floor conference room and was called to order at 2:00 pm by P. Freimuth, Chair, with eight voting members present.

Education

J. Andrews gave an overview on how plant studies work at BNL and discussed how to contain plant pathogens.

New Business

rDNA-BI-CJLiu2 “Dissecting molecular mechanism of pathogenesis-related proteins in enhancing disease resistance by fortifying plant cell walls.” PI: C.J. Liu. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

- Approval pending receipt of a USDA permit.
- The PI will contact USDA for the status of the submitted application.
- P. Freimuth also has a contact at USDA and will reach out for status.

rDNA-BI-Xie “Quantitative Plant Science Focus Area (QPSI SFA).” PI: Xie. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

rDNA-OEP-Uzzi1.3 “Bacterial Transformation (DH-5 Alpha, MM294 or HB101) with pGFP-UV (Clontech) Student Lesson.” PI: Uzzi. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

rDNA-BI-Freimuth1.3 “Recombinant expression of plant secretory and membrane proteins and Nanotherapeutics for COVID-19.” PI: Freimuth. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

rDNA-BI-CJLiu1.3 “Biochemistry of Lignocellulolics Formation.” PI: C.J. Liu. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

rDNA-BI-LiuQ1.1 “Cloning and Expression of Membrane Proteins.” PI: Q. Liu. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

rDCA-BI-Schwender1.3 “Plant Cell Genetics.” PI: J. Schwender. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

rDNA-BI-Shanklin1.3 “Fatty Acid Modification.” PI: J. Shanklin. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

rDNA-BI-Xu1.1 "Regulation of Oil Biosynthesis." PI: C. Xu. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

EA-BI-BRaVE-QLiu "Studying Sorghum C. Sublineola Interactions." PI: Q. Liu. The IBC voted 8 yes, 0 no to approve the renewal for one year effective 05/09/24.

There being no further business, the meeting was adjourned at 3:00 pm.

Respectfully submitted,

Beth Lettieri

cc: A. Emrick