

Minutes of the BNL Institutional Biosafety Committee (IBC) April 14, 2026

Present: A. Adams, J. Andrews (non-voting), L. Bowerman, A. Engel, P. Freimuth, C. Goehle (non-voting), F. Horn, W. Hulse, C.J. Liu, G. Martin, R. Orto (non-voting), J. Searing, A. Stavitski, J. Subramani

IBC Administrator: B. Lettieri (non-voting)

BHSO: R. Siebelts

The meeting was held in person in the Bldg. 490 large conference room and via Zoom, and was called to order at 10:00 am by P. Freimuth, Chair, with twelve voting members present.

New Business

P. Freimuth discussed the yearly review process, noting that most of the proposals had no changes, other than personnel changes. One proposal (Xiong) had a minor change that was reviewed and discussed. Noted to reach with any questions on any of the proposals.

rDNA-BI-Xie "Quantitative Plant Science Focus Area (QPSI SFA)." PI: Xie. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-OEP-Horn1.3 "Bacterial Transformation (DH-5 Alpha, MM294 or HB101) with pGFP-UV (Clontech) Student Lesson." PI: Horn. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Freimuth1.3 "Recombinant expression of plant secretory and membrane proteins and Nanotherapeutics for COVID-19." PI: Freimuth. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-CJLiu1.3 "Biochemistry of Lignocellulolics Formation." PI: C.J. Liu. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-LiuQ1.1 "Cloning and Expression of Membrane Proteins." PI: Q. Liu. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDCA-BI-Schwender1.3 "Plant Cell Genetics." PI: J. Schwender. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Shanklin1.3 "Fatty Acid Modification." PI: J. Shanklin. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Xu1.1 "Regulation of Oil Biosynthesis." PI: C. Xu. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Zidovska "Investigating Physical Principles Underlying Nanoscale Dynamics of the Human Genome." PI: Zidovska. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Rodriguez "Single particle cryoEM imaging of mammarenavirus glycoproteins." PI: Rodriguez. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Xie2 "Studying the interaction between poplar and Septoria musiva." PI: Xie. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Zavaliev “Plant immunity research initiative (PIRI).” PI: Zavaliev. New. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Kiss “Spatial distribution and chemical speciation of toxic metal particulates in human lung tissue.” PI: Kiss. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

rDNA-BI-Xiong “Structural studies of HIV-1 virus-like particles.” PI: Xiong. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

EA-BI-BRaVE-QLiu “Studying Sorghum C. Sublineola Interactions.” PI: Q. Liu. The IBC voted 12 yes, 0 no to approve the renewal for one year effective 04/14/26.

Discussion:

IBC Membership Update:

Nicole Bernholc – Retired from BNL 3/31/26
Alena Stavitski – New member

Education:

Ava Adams, Justin Andrews - Presentation –“BNL USDA Permits E-File Website”

There being no further business, the meeting was adjourned at 10:50 am.

Respectfully submitted,

Beth Lettieri

cc: A. Emrick