

Johns Hopkins Institutional Biosafety Committee
JHU IBC Minutes for September 29, 2025
Zoom Meeting

Members Present: Gary S. Hayward, Ph.D. (IBC Chair, Virology and Gene Therapy); Alan F. Scott, Ph.D. (IBC member, Molecular Biology and Genetics); Weiying Pan, Ph.D., RBP (Associate BSO, Molecular Aspect of Drug Design and Biology); Stephen C. Dahl, Ph.D., RBP (BSO, Biology); Nadia Desir, Ph.D., RBP (Associate BSO, High Containment); Djikolngar Maouyo, Ph.D. (Non-affiliated Member, Biology); Viji Sittther, Ph.D. (Non-affiliated Member, Plant Biology); Prashant Desai, Ph.D. (IBC member, Virology); Ms. Claudia MacAuley, L.A.T. (Non-affiliated Member, Biosafety and High Containment); Joseph B. Margolick, MD, Ph.D. (IBC member, Medicine, Microbiology and Immunology)

Members Absent: Elizabeth A. Laffan, Ph.D. (Non-affiliated Member, Biology Douglas Norris, Ph.D. (IBC member, Vector Biology and Entomology); Jason Villano, D.V.M. (IBC member, Animal Science); Brigitte Gaume, Ph.D. (Non-affiliated Member, Biology)

Guests: Ms. Anita Stone (Executive Director, Occupational and Environmental Safety)

IBC Coordinator: Ms. Tylicia McRae

The Meeting was called to order at 3:03 pm.

Announcements:

No conflicts of interest were reported by IBC members.

Recombinant DNA/Pathogen Research Registrations and Amendments:

1 research registration was presented for IBC consideration.

Review of Incidents:

No incidents were reported at this meeting.

Public Comments:

There were no public comments.

The meeting was adjourned at 4:21 pm.

September 29, 2025,JHU IBC R-DNA Research Registrations and Amendments

Name	Synopsis	IBC#	BSL	ABSL	NIH Cit.	Agent	Select Agent
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New Registrations

Reynolds, Kimberly	An E. coli MG1655 K-12 laboratory strain that was previously modified to include a catalytically inactivated Cas9 endonuclease (dCas9) will be used together with a plasmid vector containing a single guide RNA (sgRNA) to knock down the expression of genes involved in E. coli metabolism and transcriptional regulation. These experiments aim to identify genes that influence sensitivity to the antibiotic trimethoprim and to understand the relationship between changes in gene expression and bacterial growth rate. The experiments will be conducted using Biosafety Level 2 (BSL-2) practices. Laboratory personnel will be trained in the safe handling of these agents and will follow established standard operating procedures (SOPs) for the disposal of contaminated materials and for responding to laboratory incidents. DE--Uses recombinant DNA in Escherichia coli K-12 cells	DE2509290101	2		III-F-8, Appendix C- II		No
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Discussion/Review

Protocol Narrative Assessment:	Acceptable. The proposal adequately describes the experiments to be performed.
Hazard Assessment and Precautions:	Acceptable. The proposal adequately describes the potential biohazards inherent in the research program and identifies proper containment procedures and PPE.
Training:	Acceptable. The proposal adequately describes the training required for personnel to perform the experiments.
Decontamination and Waste Disposal:	Acceptable. The proposal adequately describes proper decontamination and disposal procedures.
Committee Vote:	For: 10 Opposed: 0 Abstentions: 0