



Office of Regulatory Research  
Compliance  
Institutional Biosafety Committee

**TO:** Members of the Institutional Biosafety Committee  
**FROM:** Office of Regulatory Research Compliance  
**DATE:** November 10, 2025  
**SUBJECT:** MEETING MINUTES  
**WHEN:** October 23<sup>rd</sup>, 2025  
**WHERE:** Zoom  
**TIME:** 2:00pm to 5:00pm

**MEMBERS PRESENT:** Qiyi Tang, PhD; Hemayet Ullah, PhD; Karl Thompson, PhD; Phillip Roane, Jr., PhD; Julian Wilson, MA.

**MEMBERS ABSENT:** None

**QUORUM:** YES

**CALLED TO ORDER:** 2:10pm

**ADJOURNED:** 3:43 PM

**REVIEW OF MINUTES**

Minutes from August 11<sup>th</sup>, 2025, were reviewed and voted on.

**NEW BUSINESS (1)**

1. Biosafety Officer Report

**NEW PROTOCOLS (4)**

**IBC Number:** IBC-2025-0093

**Study Title:** Understanding Pathobiology of MASLD in Diabetic African Americans

**Principal Investigator:** Dr. Somiranjana Ghosh, Ph.D. HU - COAS - CC1004 - Biology

**Primary Reviewer:** Dr. Phillip R. Roane, Ph.D.

**Secondary Reviewer:** Karl Manley Thompson, Ph.D.

**Biosafety Officer:** Karl Manley Thompson, Ph.D.

- A. Reviewer's Critiques: None
- B. Discussion: This study aims to identify the genetic pathways disrupted by diabetes in the progression of Metabolic dysfunctional-Associated Steatotic Liver Disease (MASLD) in the AA population. The reviewers require that the investigator explain how blood samples will be screened for cancer-causing genes and infectious agents as stated in Section 8.2. In addition, the biosafety hood certification is scheduled to expire on 10/31/2025 and proof of recertification will soon be needed. Lastly, clarification is needed on the correct routing of the Dean/Chair of the Department on the application.
- C. Motion/Recommendation:

**Approve Pending Administrative Review**

Voted: 5 For: 5 Against:0 Abstain:0

**IBC Number:** IBC-2025-0092

**Study Title:** Effect of Ferroportin Q248H Mutation on HIV-1 Infection

**Principal Investigator:** Dr. Sergei Nekhai, Ph.D. HU - HUCM - CC1500 - Office of the Dean - HUCM

**Primary Reviewer:** Dr. Qiyi Tang, M.D., Ph.D.

**Secondary Reviewer:** Karl Manley Thompson, Ph.D.

**Biosafety Officer:** Karl Manley Thompson, Ph.D.

- A. Reviewer's Critiques: None
- B. Discussion: This study is New Student Research aimed at examining the effect of ferroportin Q248H Mutation on HIV-1 infection. After careful review of the application the IBC recommends a revision of the application to include a plasmid map for pNL4-3, a map of HIV-1, and an explanation as to the source of the luciferase used in the investigation.
- C. Motion/Recommendation:

**Revision Requested**

Voted: 5 For: 5 Against:0 Abstain:0

**Dr. Tang left the meeting at 3:11PM**

**IBC Number:** IBC-2025-0095

**Study Title:** The Role of Lipid Droplets in Hepatitis C Virus Infection: Viral Assembly, Host Lipid Metabolism, and Therapeutic Potential

**Principal Investigator:** Dr. Qiyi Tang, M.D., Ph.D. HU - HUCM - CC1514 - Microbiology

**Primary Reviewer:** Dr. Phillip R. Roane, Ph.D.

**Secondary Reviewer:** Karl Manley Thompson, Ph.D.

**Biosafety Officer:** Karl Manley Thompson, Ph.D.

- A. Reviewer's Critiques: None
- B. Discussion: This study is new student research examining the role of lipid droplets in Hepatitis C Virus (HCV) infection. The reviewers request that the PI clarify whether or not a replication defective virus is being used in this study.
- C. Motion/Recommendation:

**Approve Pending Administrative Review**

Voted: 4 For: 4 Against:0 Abstain:0

**IBC Number:** IBC-2025-0096

**Study Title:** Lipid Droplets as a Mechanism for Dengue Virus Replication: Analysis of Subcellular Interactions and Metabolic Reprogramming

**Principal Investigator:** Dr. Qiyi Tang, M.D., Ph.D. HU - HUCM - CC1514 - Microbiology

**Primary Reviewer:** Dr. Hemayet Ullah, Ph.D.

**Secondary Reviewer:** Karl Manley Thompson, Ph.D.

- A. Reviewer's Critiques: None
- B. Discussion: This study examines the role that lipid droplets play in Dengue Virus Replication. Reviewers request that the PI clarify what is meant by "BSL-2+." They also request that the PI specify what safety precautions are being taken to necessitate the BSL-2+ designation used in the application.
- C. Motion/Recommendation:

**Approve Pending Administrative Review**

Voted: 4 For: 4 Against:0 Abstain:0

**REVISION (1):**

**IBC Number:** IBC-2024-0044

**Study Title:** The development of Adenovirus (Ad) based HIV-1 Vaccine and understanding the role of Ad E4orf3 gene in immune response

**Principal Investigator:** Thomas, Michael, Ph.D.

**Primary Reviewer:** Ullah, Hemayet, Ph.D.

**Biosafety Officer:** Karl Manley Thompson, Ph.D.

- A. Discussion: The responses to the revision comment were deemed adequate by the full board. The recommendation is to approve.

**Approve**

Voted: 4 For: 4 Against:0 Abstain:0

**CONTINUATIONS/RENEWALS (0)**

**APPROVED PROTOCOLS (0)**

**OTHER BUSINESS (0)**

**ADJOURNMENT 3:43 PM**