

## INSTITUTIONAL BIOSAFETY COMMITTEE MINUTES

March 20<sup>th</sup>, 2026

Via Zoom

10:03 am – 12:13 pm

### MEMBERS' PRESENT

1. Dr. Amy Sater Chairperson
2. Ms. Lisa Benford
3. Dr. Jason Eriksen
4. Dr. David Brammer
5. Dr. Vivien Coulson-Thomas
6. Ms. Marian Downing
7. Mr. Vicente Zuno
8. Dr. Laura Gutierrez
9. Ms. Cris Milligan
10. Mr. Steven I. Burns
11. Mr. Andrew Saldana

### MEMBERS ABSENT

1. Dr. William Widger
2. Dr. Rachel Gamble
3. Dr. Abdul Khan

### OTHER PRESENT

1. Dr. Zhen Fu
2. Mr. John McNeely
3. Ms. Teju Gbosi
4. Ms. Daniela Cobas
5. Ms. Victoria Vaughn
6. Dr. Peggy Yang
7. Mr. Keel Curtis

### MEETING AGENDA

- Call Meeting to Order: 9:58am
- Review and Approval of November 14th, 2025, Meeting Minutes: Approved as written
- IBC and Biosafety Update:
  - a. D. Cobas has been promoted to Occupational Safety Manager. Her previous position has been posted, and EHS is currently reviewing applicants.

- b. Legal IBC representative Amberley Ross has left the University. EHS is working with the legal department to ensure continued committee representation.
- c. Accident Report: On January 16, 2026, an electrical overheating incident at the UH Sugar Land campus caused a burning odor and smoke from a wall outlet connected to an autoclave-type device; the equipment was unplugged and the outlet isolated, with no injuries reported. The cause was overheating at the plug-to-receptacle connection due to electrical overload or component failure, leading to resistive heating. Preventive measures include verifying electrical compatibility before purchasing high-load equipment, requiring safety reviews, and conducting routine inspections to detect early signs of overheating
- IBC outcome determinations
  - a. Approved
  - b. Approved with Modifications
  - c. Approved back to Subcommittee for Review
  - d. Withhold Approval, back to Full Committee
- MUA- Requests for Approval:

PROTOCOL REQUESTS FOR APPROVAL:

|                                            |                                                                                            |
|--------------------------------------------|--------------------------------------------------------------------------------------------|
| <u>Committee Determination</u>             | <a href="#">(Application Number:872)</a> BL2-004-26: Biosafety Protocol for Gastric Cancer |
| <u>Approved with Modifications</u>         |                                                                                            |
| FOR = 11<br>AGAINST = 0<br>ABSTENTIONS = 0 |                                                                                            |
| NIH Guidelines:                            | Section III-D-3-a                                                                          |
| Biosafety Level                            | 2                                                                                          |

|                                            |                                                                                                                             |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <u>Committee Determination</u>             | <a href="#">(Application Number:886)</a> BL2-005-26: Biosafety Protocol for Imaging and Manipulation of the Mammalian Brain |
| <u>Approved with Modifications</u>         |                                                                                                                             |
| FOR = 11<br>AGAINST = 0<br>ABSTENTIONS = 0 |                                                                                                                             |
| NIH Guidelines:                            | Section III-D-4-a                                                                                                           |
| Biosafety Level                            | 2                                                                                                                           |
| Animal Biosafety Level                     | 2                                                                                                                           |

|                                            |                                                                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <u>Committee Determination</u>             | <a href="#"><u>(Application Number:896)</u></a> BL2-006-26: Genetic Screen to Identify Novel Targets for Cancer Treatment |
| <u>Approved with Modifications</u>         |                                                                                                                           |
| FOR = 11<br>AGAINST = 0<br>ABSTENTIONS = 0 |                                                                                                                           |
| NIH Guidelines:                            | Section III-D-4-b                                                                                                         |
| Biosafety Level                            | 2                                                                                                                         |
| Animal Biosafety Level                     | 2                                                                                                                         |

|                                            |                                                                                                                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <u>Committee Determination</u>             | <a href="#"><u>(Application Number:345)</u></a> BL2R26-132-08: Beta-Adrenergic Receptor Signaling to Mediate Cardiac Adrenergic |
| <u>Approved with Modifications</u>         |                                                                                                                                 |
| FOR = 11<br>AGAINST = 0<br>ABSTENTIONS = 0 |                                                                                                                                 |
| NIH Guidelines:                            | Section III-D-4-b                                                                                                               |
| Biosafety Level                            | 2                                                                                                                               |

|                                    |                                                                                                                          |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <u>Committee Determination</u>     | <a href="#"><u>(Application Number:865)</u></a> BL2R26-006-15: Post-Translational Modification and Breast Cancer Biology |
| <u>Approved with Modifications</u> |                                                                                                                          |
| FOR = 11                           |                                                                                                                          |

|                               |           |
|-------------------------------|-----------|
| AGAINST = 0<br>ABSTENTIONS= 0 |           |
| NIH Guidelines:               | III-D-2-a |
| Biosafety Level               | 2         |
| Animal Biosafety Level        | 2         |

|                                                                                                                           |                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <u>Committee Determination</u><br><br><u>Approved with Modifications</u><br><br>FOR = 11<br>AGAINST = 0<br>ABSTENTIONS= 0 | <a href="#">(Application Number:877)</a> BL1R26-18-13: Motility, Adhesion, and Growth of Bacteria in Complex Fluids and Near Surfaces |
| NIH Guidelines:                                                                                                           | III-D-4-A                                                                                                                             |
| Biosafety Level                                                                                                           | 1                                                                                                                                     |

|                                                                                                                           |                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <u>Committee Determination</u><br><br><u>Approved with Modifications</u><br><br>FOR = 11<br>AGAINST = 0<br>ABSTENTIONS= 0 | <a href="#">(Application Number:892)</a> BL2R26-013-18: Viral Based Genetic Modifications in the Development of Novel Immunotherapy |
| NIH Guidelines:                                                                                                           | III-D-2-a                                                                                                                           |
| Biosafety Level                                                                                                           | 2                                                                                                                                   |
| Animal Biosafety Level                                                                                                    | 2                                                                                                                                   |

|                                                                                                                                        |                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <u>Committee Determination</u><br><br><u>Approved back to Subcommittee for Review</u><br><br>FOR = 11<br>AGAINST = 0<br>ABSTENTIONS= 0 | <a href="#">(Application Number:849) BL2R26-006-14: Use of Lentivirus Vectors to Study Epithelial Cell Motility and Cell Death</a> |
| NIH Guidelines:                                                                                                                        | III-D-2-a                                                                                                                          |
| Biosafety Level                                                                                                                        | 2                                                                                                                                  |
| Animal Biosafety Level                                                                                                                 | 2                                                                                                                                  |

#### APPROVED AMENDMENTS

Application: 884

BL2-008-25: Nanomaterials and Biomaterials for Disease Biomarker Detection

The following amendments were approved:

- Addition of animals: mice
- Addition of cancer cell line: B16F10

Application:891

BL1R22-84-09: Genetic and Biochemical analysis of signal transduction network in Bacillus subtilis

The following amendments were approved:

- Addition and Removal of Personnel

Application: 905

BL2-010-21: Laboratory of Visual Neuroscience Biosafety Protocol.

The following amendments were approved:

- Addition of co-PI

Application: 889

BL2-R22-025-09: Use of Viral Vectors for In-Vitro and In-Vivo Gene Transduction Studies.

The following amendments were approved:

- Addition of vector: MCMC
- Addition of animal cell line: SC-1

OTHER BUSINESS as PRESENTED

ADJOURNMENT: 12:13 pm

APPROVED