

**CONFIDENTIAL MINUTES OF
MEDICAL COMMITTEE MEETING**

INSTITUTIONAL BIOSAFETY COMMITTEE

**Tuesday, 12/16/2025 12:00 PM
MSBII 5A116**

Chairperson

Mingtao Zeng, PhD

Board Members

Anthony W Baird, DSc
Jeana E. Barrow, DVM
Huanyu Dou, MD
Pallavi Dubey, PhD
Ivan E Flores, BS
Daniel Gonzales, BA

Administrative Staff

Amanda Diaz de Leon
Myrna Arvizo

MEMBERS PRESENT

Anthony W Baird, DSc, Jeana E. Barrow, DVM, Huanyu Dou, MD, Ivan E Flores, BS, Daniel Paul Gonzales, BMS, Mingtao Zeng, PhD

MEMBERS ABSENT

Pallavi Dubey, PhD

STAFF PRESENT

Myrna Arvizo, BMS, CIP, CHRC, Barbara S Castellanos, MS, Amanda Diazdeleon

GUESTS PRESENT

N/A

CALL TO ORDER

Mingtao Zeng, PhD called the meeting to order at 12:00 p.m. Quorum is 5 members. 6 members are present at the call to order, including scientific, non-scientific and non-affiliated members. 6 members present at conclusion.

All proceedings and discussion in the upcoming meeting are confidential and should not be discussed outside of the meeting. Additionally, any member who has a conflict of interest that would preclude making an objective determination about a study should recuse him/herself from voting on the study.

A draft of the meeting minutes from 10/21/2025 was distributed for review on 10/31/2025. There were no controversial entries or objections. A motion to approve the meeting minutes as written was made by AB and seconded by DG. The committee voted unanimously to approve the minutes.

A draft of the meeting minutes from 11/18/2025 was distributed for review on 12/01/2025. There were no controversial entries or objections. A motion to approve the meeting minutes as written was made by AB and seconded by DG. The committee voted unanimously to approve the minutes.

The meeting was adjourned at 12:34 p.m.

NEW BUSINESS

The committee was informed of a PI request to use the BSL-3 space. A protocol was submitted, however due to the space being unavailable, the PI was instructed to remove all BSL-3 activities and resubmit.

As part of the BSO report discussion, the committee was informed that Eli Montero (Safety) is no longer employed by the institution and that Safety Services is currently short-handed.

The committee discussed requiring completion of the Safety Staff CITI course in place of Lab Safety Essentials training. The committee determined the course is optional at this time. The course is required for any PI and associated personnel requesting use of BSL-3 space and/or Select Agents.

As of 12/12/2025 Dr. Javaid is no longer a member of the committee.

3-YEAR RENEWALS

N/A

AMENDMENTS

IBC# 14005

Full Renewal Expiration Date: 05/31/2026

Munmun Chattopadhyay, PhD/TTUHSC El Paso - SOM - MTM-CoE in Diabetes and Metabolism

Biosafety Level: BSL 2

ADMINISTRATIVE COMMENT:

The PI has updated section 6.3. In the meeting the committee agreed to send a minor stipulation.

MEMBER COMMENTS:

Comment:

The addition of Zamboni Fixative potentially enhances the research and appropriate protection procedures are in place to use the fixative. Move for approval of the addition of the Zamboni Fixative.

RECOMMENDATIONS: Additional Information Required

STIPULATIONS: In the study application section 6.3 in the signs column, remove "In case of Skin contact – Thoroughly rinse affected areas in the emergency shower with water for 15 minutes. Remove all contaminated clothing. In case of Eye contact – Remove contact lenses if applicable and flush eyes with copious amounts of saline or water for at least 15 minutes. In case of Inhalation – Leave the area and move to fresh air." and add it to the First Aid Measures column.

MOTION AND VOTE: The TTUHSC EP Institutional Biosafety Committee (IBC) reviewed this protocol Amendment at their full board meeting and determined that additional information or modifications are required prior to approval.

Total Members Voting: **6** [For: **6** Absent: **0** Against: **0** Conflict of Interest: **0** Not Present: **0** Abstained: **0**]

SUBMISSION OUTCOME: Additional Information Required

IBC# 14005

Full Renewal Expiration Date: 05/31/2026

Munmun Chattopadhyay, PhD/TTUHSC El Paso - SOM - MTM-CoE in Diabetes and Metabolism

Biosafety Level: BSL 2

ADMINISTRATIVE COMMENT:

Comment:

The PI is requesting approval to use Zamboni's Fixative for tissue processing. This ready-to-use phosphate-buffered picric acid formaldehyde (PAF) fixative is commonly used in light and electron microscopy. It is a stable solution that provides reliable general fixation, with rapid penetration and effective preservation and stabilization of cellular proteins.

MEMBER COMMENTS:

Comment:

No comments regarding newly proposed info. In section 6.3, should more information regarding STZ exposure (actions for personnel) be added?

Comment:

Zamoni's fixative is used primarily for tissue fixation that will then be subjected to electron microscopy. It is a phosphate buffered picric acid formaldehyde (PAF) that penetrates quickly. However, Lipids are not well preserved, and some cytoplasmic granules and lysosomes may not be preserved. Safety standpoints recommend a well-ventilated room, if not hood to avoid breathing fumes. Disposal is in accordance with local, state, federal and environmental regulations. If the specimens to be preserved are not specific to lipids, and possibly liposomals, and the area is adequately ventilated as evaluated by safety, I will move for approval.

Comment:

Upon meeting with PI, hazards associated with Zamboni's Fixative have been greatly reduced. One change for a safer use includes buying and using a premixed solution, not getting individual ingredients and mixing on site. Another safety factor is the PI has extensive knowledge and experience using Zamboni's Fixative, but requests this change as new to using it here at TTUHSC EP. Finally all safety equipment in lab to be used with Zamboni's Fixative is current, up to date, and correct for this process.

RECOMMENDATIONS: Additional Information Required

STIPULATIONS: 1. In section 6.3, should more information regarding STZ exposure (actions for personnel) be added?

SUBMISSION OUTCOME: Additional Information Required

INITIAL REVIEWS

N/A

EXPEDITED REVIEW

N/A

ADMINISTRATIVE-ANNUAL STATUS REPORTS

IBC# 25001

Full Renewal Expiration Date: 12/31/2027

Sheldon Rao/TTUHSC El Paso - SOM - Internal Medicine

Biosafety Level: BSL 2

ADMINISTRATIVE COMMENT:

Comment:

This is an Annual Status Report. COI, FD, and LSE are complete for the PI and staff. The study does include shipper and on-campus training. This training is complete for those listed in section 5.5 and 5.6. The biosafety level is 2. This protocol does not involve recombinant or synthetic nucleic acid molecules.

RECOMMENDATIONS: Acknowledged

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SUBMISSION OUTCOME: Administratively Acknowledged

IBC# 25002

Full Renewal Expiration Date: 12/31/2027

Murali Bagalur Muniraju, Ph.D./TTUHSC El Paso - SOM - Molecular and Translational Medicine

Biosafety Level: BSL 2

ADMINISTRATIVE COMMENT:

Comment:

This is an Annual Status Report. COI, FD, and LSE are complete for the PI and staff. The study does include shipper and on-campus training. This training is complete for those listed in section 5.5 and 5.6. The biosafety level is 2. This protocol does involve recombinant or synthetic nucleic acid molecules.

RECOMMENDATIONS: Acknowledged

SUBMISSION OUTCOME: Administratively Acknowledged

ADMINISTRATIVE-AMENDMENTS

IBC# 15019

Full Renewal Expiration Date: 01/31/2027

Peter Thompson, MD/TTUHSC El Paso - SOM - Psychiatry-Texas Tech Medical Center

Biosafety Level: BSL 2

ADMINISTRATIVE COMMENT:

Comment:

This is a personnel change to remove Javier Morales. This protocol does not involve recombinant or synthetic nucleic acid molecules.

RECOMMENDATIONS: Acknowledged

SUBMISSION OUTCOME: Administratively Acknowledged

IBC# 14005

Full Renewal Expiration Date: 05/31/2026

Munmun Chattopadhyay, PhD/TTUHSC El Paso - SOM - MTM-CoE in Diabetes and Metabolism

Biosafety Level: BSL 2

ADMINISTRATIVE COMMENT:

Comment:

The PI revised section 6.3.

RECOMMENDATIONS: Approve

SUBMISSION OUTCOME: Approve

TERMINATIONS

N/A

BSO REPORT

No major deficiencies found.