

University of Delaware Biosafety Committee
Meeting Minutes- July 27, 2026, 11:00 a.m.
Zoom

Members Present- Dr. Erin Brannick, Animal and Food Sciences
Dr. Brandon Calitree, Environmental Health and Safety
Dr. Mark Parcells, Animal and Food Sciences
Ms. Michelle Ferguson, Environmental Health and Safety
Dr. Subhasis Biswas, Medical and Molecular Sciences
Dr. Jennifer Biddle, School of Marine Sciences
Dr. Chi Keung Lam, Biological Sciences

- I. Committee Review of Recombinant DNA Registrations
The committee reviewed the non-exempt protocol 26-040 as indicated on the Review Form. Dr. Biddle moved that the protocol be approved, Dr. Lam seconded. The committee approved the protocol unanimously.
- II. Adjournment
Dr. Brannick moved to adjourn the meeting, seconded by Ms. Ferguson, approved at 11:08 a.m.

Respectfully submitted,

Michelle Ferguson

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Biosafety Officer

University Biosafety Committee Review Form
For Recombinant DNA Experiments Covered by the
NIH *Guidelines*

Principal Investigator: _____ Dr. Bruce Boman, MD, PhD _____

Department: Cawley Center for Translational Cancer Research

Project Title: Investigation of molecular ideology of cancer stem cells in colorectal cancer

Registration Number: _____ 26-040 (new protocol)

NIH Guidelines Section: III-E-1

Description of procedures provided: Yes ☒ No _____

Our lab is investigating colon cancer stem cells by modulating either miR-27a-3p, a microRNA known to play an oncogenic role in colon cancer but has a poorly defined role in stem cells, or Fibroblast Growth Factor 19 (FGF19), which is involved in FGF signaling. The overall goal is to look at two active pathways in colorectal cancer, the WNT signaling pathway and FGF signaling pathway, modulate expression of either miR-27a-3p or FGF19 and identify novel targets for colorectal cancer, specifically colon cancer stem cells that can hopefully be translated to patient care.

Containment Level: _____ BSL-2 _____

Appropriate facilities to be used: Yes ☒ No _____

Procedures acceptable for containment: Yes ☒ No _____

Work practices acceptable for containment: Yes ☒ No _____

Training/ Experience of Personnel acceptable for work: Yes ☒ No _____

Comments: The committee agreed with the proposed procedures, work practices and containment. Lab members listed on this protocol have been properly trained with techniques. No concerns were brought up.

These items have been reviewed by the University Biosafety Committee and the committee has voted ☒ For _____ Against approval of this project on this date.
(7for/0 against)

Experiments covered by this protocol can now be initiated.

UBC Representative: _____ *Michelle L Ferguson* _____

Date: _____ 7/27/26 _____