

IBC Meeting Minutes

04/21/2025

1:00; 209 Library (Conference Room)

I. Call to Order: 1:21 PM

II. Roll Call:

1. **Present:** Jose Barbosa, David Giles, Margaret Kovach, Darrell McGraw, Jessica Sanders, Henry Spratt, Cheryl Murphy (*Ex Officio*).
2. **Absent:** Jennifer Cunningham, Bradley Harris, Bob Jackson (*Ex Officio*), Samar Tadros (*Ex Officio*)

III. Approval of 02/24/2025 minutes

1. Motion to Approve (Spratt); Motion 2nd = Kovach
 - a) Approve = 5
 - b) Opposed = 0
 - c) Abstain = 2

IV. Old Business –

1. **Approved registration modifications, administrative reviews, annual updates & closures**
 - a) 25-01: Leasi –Approval letter sent 02/25/2025
 - b) 24-07: Spratt - Approval Letter for amendments sent 02/28/2025
 - c) 23-04: Ferdoush – Approval Letter for amendments sent 03/07/2025
2. **Lab Inspections**
 - a) Holt 120 and 120-A: Conducted 04/08/2025
 - b) Holt 108, 305-C: Conducted 04/10/2025
 - c) Grote 308/309: As of 03/14/25, shelving will be installed at end of semester for Grote 309. Next inspection due 05/16/25.

- d) Grote 406: Checklist completed 03/14/25
- e) Holt 323: Checklist completed 02/28/2025
- f) Holt 304, 318, 318A: Scheduled for 04/22/2025
 - 1. 318 and 318A Holt: No longer being used by Giles and Spratt as a location; Murphy to double check no other PIs are using that location.

3. Updates on registrations in progress

- a) None

V. New Business –

1. New Registration(s):

- a) Giles recused himself from discussion by leaving room.
- b) IBC Protocol #: 25-02, Dr. David Giles, In vitro evaluation of the impacts of exogenous PUFAs on membrane permeability and antimicrobial resistance of *Vibrio cholerae*.
- c) Verification that the PI and lab staff performing the research have been appropriately trained in the safe conduct of research: Training dates added to the IBC registration database. At time of Pre-review action form, one member of study team still needed to complete training.
- d) Containment conditions to be implemented (BSL-2, controlled access, training, work inside BSC, PPE (lab coats, gloves, and eye protection), decontamination of cultures and work surfaces, work involving hazardous chemicals will be conducted inside a fume hood).
 - 1. Committee confirmed BSL-2 is appropriate.
- e) For non-rDNA projects: (summarize)
 - 1. Hazard: *Vibrio cholera* C6706 (O1 El Tor strain) (RG-2 agent)
- f) Summary of manipulations: routine preparation of *Vibrio cholera* C6706 (O1 El Tor strain) cultures in the presence of and absence of different PUFA, then conducting permeability testing and MIC assays with four different antibiotics.
- g) For rDNA projects: NA
- h) Additional committee concerns/corrections needed:
 - 1. Provide a copy of the referenced NIH proposal per Section A, Q5.
 - 2. Define acronyms used throughout the registration (e.g. CM9, PUFA, CAMPS, etc.)
 - 3. Discuss with Bob Jackson hazardous waste procedures for the fluorescent dyes being used (both for stock supplies and after incorporation in cells); include that information in the registration application.

4. Discuss the procedure for biohazardous waste.
5. Section D6: Calcein permeability dye mentioned on P.4, but not discussed on P.3. Is Calcein being used? Clarification requested.
6. Section D6, P4: Correct 'Safety and Risk Management' to Environmental Health and Safety'.
7. Section D6, P4: 'Glass waste will be disposed of in glass waste boxes (benchtop and floor)'. This pertains to broken glass that did not contain any biohazardous materials. Discuss how glass waste will be handled if contains biohazardous materials.

i) Vote:

1. Motion (Murphy): Modifications requested to secure approval; Motion 2nd = Kovach
 - a. Approve = 5
 - b. Opposed = 0
 - c. Abstain = 1

2. **Giles returned to Committee discussions.**

3. **Office of the Director, NIH Policy Notice (NOT-OD-25-082) dated March 27, 2025.**

- a) Implementation Update: Promoting Maximal Transparency Under the NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules

4. **IBC Registration Form Revision (V2):**

- a) Add a check box for disposal of broken glass containing biologicals.
- b) Can post updated version of registration form on website for PIs to use.

5. **UTC Laboratory Inspection Checklist Revision:**

- a) Hearing Protection and Posting Decibel Levels: this information could be placed within lab safety notebook that already houses copies of prior lab inspection checklists.
- b) Can start using this version of lab inspection checklist.

6. **Additional items for discussion**

- a) DASH Research Safety
- b) Spratt willing and wanting to keep serving on IBC after retirement (June 30, 2025).

VI. Next Meeting – June 2, 2025 @ 1:00

VII. Adjournment – 2:23 PM