

## **IBC Meeting Minutes**

**June 26, 2023**

**1:00 – 2:00 pm ZOOM**

### **I. Call to Order**

### **II. Roll Call**

Members: Michael Dabney, David Giles, Ben Stein, Bradley Harris, Bob Jackson, Cheryl Murphy, Darrel McGraw, Rardy Spratt, Peggy Kovach; Jose Barbosa (not present for minutes vote)

Members Absent: Pam Riggs-Gelasco, Jennifer Cunningham

Ex Officio: Alexa McClellan

### **III. Approval of May 22 Minutes**

1. Motion to approve: Harris 2<sup>nd</sup>: Giles. All in favor: 9 Opposed: 0 Abstain: 1 (McClellan).

### **IV. Old Business**

1. 23-03 – Sanchez -Diaz
  - a) Lab inspection completed 05/17/23. Follow up inspection completed 06/07/23. All minor findings resolved. HCl was disposed of, CHPH is working with Safety and Risk Management to identify appropriate eye-wash fountains, Sanchez-Diaz to measure the area requiring Plexiglas on the optical table and request an order. CHPH to follow up with him at the beginning of FY24.
2. 23-08 – Dungey
  - a) Lab inspection 05/31/23, CAP resolved 06/09/23. Re-inspection to be scheduled.
3. 23-02 – Spratt “Pathogen monitoring on environmental surfaces in clinics”
  - a) Amendment to add sampling in veterinary clinics. No change in safety/containment procedures, no additional risk. Approved by Chair via AR 06/15/23

### **V. New Business**

1. Update on NIH IBC Registration - DO and Administrative Contact
  - a) The IBC’s NIH registration was updated on 06/15/23 to reflect a change in the institutional contact’s e-mail address. Messages will now be sent to [ibc@utc.edu](mailto:ibc@utc.edu) instead of [david-deardorff@utc.edu](mailto:david-deardorff@utc.edu).

- b) When new Interim ORI Director is appointed, will need to be appointed as Designated Official (DO) by Chancellor and can update additional contact info in NIH Registration.
2. Harris 23-09 “Converting algal lipids into biodiesel” **NSF RET Funded (Grant start date 09/2020)**
- a) All students need to complete CITI training.
  - b) B2. Mutant algae growth/production is not part of the current registration. Will be an amendment in the future.
  - c) B2. Include autoclave use and the detail that there is no transportation of materials.
  - d) Include information about autoclave verification/certification process.
  - e) **Motion: Kovach: conditional approval with submission of satisfactory amendments. 2<sup>nd</sup>: Spratt. All approved: 9. Opposed: 0. Abstained: 2 (Harris and McClellan).**
3. Harris 23-10 “Producing organic sweeteners from yeast” **USDA funded (Grant start date 09/2020)**
- a) All students need to complete CITI training.
  - b) Per Harris: actual engineering is not part of the registration at present. Will be an amendment in the future.
  - c) C. Tropicalis is opportunistic and is listed as both BSL1 and BSL2 in literature. ATCC says BSL1. Rest of review based on BSL1. Add ATCC# to registration.
  - d) Motion: Dabney to pause consideration until further details with follow up.
  - e) Per Harris, research has already started.
  - f) Barbosa: 2<sup>nd</sup>.
  - g) Dabney retracts motion. **Makes new motion: Conditional approval if BSL 1. If BSL 2, require full re-review. Rardy 2nds. All approved: 9. Opposed: 0. Abstained: 2 (Harris and McClellan)**
  - h) **Lab inspection: Tuesday 06/27 @ 2:00 PM. Giles, Jackson, Murphy, McClellan, Dabney.**
  - i) **UPDATE:** At end of meeting, Harris updated committee on research that was conducted during course of the meeting. C. Tropicalis is alternately listed as BSL1/BSL2 because it should be treated as BSL2 for individuals with compromised immunity. **IBC agreed that this should be treated as BSL2 given the unknown of who is working with it and the fact that lab has a BSC.** Lab inspection will move forward.
4. Danquah 23-14 “Anaerobic digestion of organic waste into biogas” **NSF RET Funded (Grant start date 09/2020)**
- a) Provide Reference for native biorganisms.
  - b) Who is the Vendor for pasteurized manure? – provide verification document. If sold by commercial consumer vender e.g. Home Depot, then pasteurization is assumed and verification is not necessary.

- c) Committee would like clarification on how biogas will be produced from pasteurized manure. Will cultures be added to biodigester?
  - d) Please submit copies of SOPs in regards to waste handling, feeding, monitoring, and maintenance activities.
  - e) **IBC Chair will follow up with PI. Will request that he revise and resubmit. If IBC Chair feels it is necessary, his attendance will be requested at next meeting.**
5. Spratt 23-15 – “Detection of Staphylococcus aureus in foods using aptameric-based biosensors” – **NSF CBET Funded (Grant start date of 01/2022)**
- a) rSNA is Recombinant DNA by NIH Guidelines. Therefore, Box G needs to be completed.
  - b) Committee has no other concerns.
  - c) **Motion: Stein – to conditionally approve based on revision and resubmission to Chair with satisfactory response. 2<sup>nd</sup>: Kovach. All in favor: 8. No opposed. Abstain: 3 (Spratt, Murphy, and McClellan)**
  - d) **Inspection: Spratt’s lab only. July 12 @ 10 AM.**
6. Giles 23-11 “Investigating the physiological and behavioral impacts of polyunsaturated fatty acids (PUFAs) on the fish and human pathogen Aeromonas hydrophila” **SEARCH grant funded, start date 07/01/2023**
- a) **Tabled to next meeting**
7. Giles 23-12 “Determining the antimicrobial activity and permeabilizing effects of piscidins on Vibrio parahaemolyticus and Vibrio vulnificus”
- a) **Tabled to next meeting**
8. Giles 23-13 “Examining the microbial diversity of a generalist ant along an urban-rural gradient”
- a) **Tabled to next meeting**

VI. **Next Meeting – July 10 @ 1 PM via ZOOM.**

VII. **Adjournment**