

**University of North Florida  
Institutional Biosafety Committee Meeting**

**September 30, 2011**

**10:40am**

**ORSP Conference Room**

**Building 3, Room 2502**

**Voting members present: Michael Lentz (chair), Jamie Moon, Judith Ochrietor, Robin Rutledge, and Brandon Smith (Biosafety Officer)**

**Quorum: yes (5 of 8 attending)**

**Non-voting members: Dawn O'Connor and Kayla Champaigne**

**Minutes**

- I. Welcome and introductions
- II. Discussion and review of non-exempt project IBC#11-005 *Virulence Factors of Gram Negative Bacteria* submitted by Dr. Terri Ellis
  - a) Background:
    - There is an IRB component associated with this project. However, because the data will be collected at Mayo and the UNF PI will not interact or intervene with human participants, the IRB component of this project will be reviewed by the Mayo Clinic IRB. A material transfer agreement will be established between Mayo Clinic and the University of North Florida
    - Human samples will be utilized for this project. The pathology of the organisms will be known before the samples are brought to the UNF campus. The protein content will be analyzed using standard expression mechanism through *E. coli*.
    - It is the committee's understanding that any IBC project that has an IRB component should be reviewed by the full IBC.
  - b) IBC Discussion:
    - Committee review included, but was not limited to, evaluation of the following issues:
      1. Whether the UNF PI has access to the appropriate equipment (e.g., centrifuge) in order to conduct this research.
        - Determination: Dr. Ellis has all the necessary equipment needed
      2. Whether there will be unintended byproducts associated with this research.
        - Determination: No life threatening by products will be associated with this research.
      3. Whether accurate language was used to describe the research activities and materials.

- Determination: PI refers to gram positive bacteria when the correct term should be gram negative. PI should adjust this in the protocol.
4. Whether the LPS amounts are appropriate for the subject population (i.e. mice).
    - Determination: PI needs to express the amount of LPS as a mass of toxin per mass unit (e.g., kg, g).
  5. Whether study personnel are properly trained and listed on the protocol.
    - Determination: PI needs to identify the students who will be working on this research project. This will not affect the approval of the project but it does need to be documented. Training is appropriate for project.
- c) Vote (the board voted to approve this project with modifications): (5 approved with modifications) Result: Approvable with modifications. Revisions can be reviewed by lead reviewer and RI staff. Approval date to be determined upon review and approval of revisions.

### III. Discussion of biosafety training

- a) All IBC members should complete biosafety training annually. Researchers working with materials regulated by the UNF IBC must also complete training. The biosafety officer will send out reminders when training is required.
- b) IBC training module discussed. Waste management will be addressed in a separate training module that has not yet been generated. Researchers will need to send a list of N numbers for student personnel to the biosafety officer so that he can give them access to the Blackboard quiz on IBC training. Training will be reset on the same day annually. Targeted date of reset: August 31<sup>st</sup>.

### Approved IBC Protocols (Exempt):

- a) IBC#11-001 *Exploration of Compounds from Marine Organisms as Antibacterial and Anticancer Compounds* submitted by Dr. Amy Lane (approved 6/22/2011).
- b) IBC#11-002 *Physiological Effects of Silencing Muller Cell-Specific Genes* by Dr. Judith Ochrietor (approved 7/20/2011).
- c) IBC #11-003 *Molecular Biology Techniques* submitted by Dr. Judith Ochrietor (approved 7/18/2011).