

INSTITUTIONAL BIOSAFETY COMMITTEE MEETING

March 21, 2018

3 PM, Plant Biotechnology Bldg., Room 410

MEMBERS PRESENT: Chair, David White; Vice Chair, Elizabeth Fozo; Marc Caldwell, Tamara Chavez-Lindell, Lori Cole, Paul Dalhaimer, George Dizikes, Reza Hajimorad, Brittany Isabell, Jun Lin, Reggie Millwood

Ex-Officio – Scott Moser, Brian Ranger, Jessica Woofter

MEMBERS ABSENT: Doris D'Souza, Melissa Kennedy, Jae H Park, Deidra Mountain, Ling Zhao

OTHERS PRESENT: None

Opening:

The meeting was called to order by the Chair, Dr. David White at 3:06 PM. The minutes of February 21, 2018 were reviewed and approved as written.

IBC Applications:

#IBC-06-288-1 (Juan Jurat-Fuentes) Recombinant DNA, III-E, 3-year rewrite

Dr. Jurat-Fuentes' registration re-write covers the expression of various insect gut epithelial proteins in 1) common lab strains of *Escherichia coli* for purposes of purification and antisera development, 2) various insect cell lines to assess their ability to act as functional receptors for the Cry toxins of *Bacillus thuringiensis* and 3) characterizing insecticidal mode of action. The committee voted to approve the registration pending correction of autoclave validation dates; updating the waste contractor information, and clarification of dsRNA containment measures.

Old Business:

Administrative Report

i. Contingencies

Following up on February 21, 2018, IBC meeting, Dr. Doris D'Souza's registration (#06-298-2) was edited to include clarification of requested information regarding fecal samples, biosafety cabinet location, and transportation of samples. Dr. Tessa Burch-Smith's registration (#12-375-1) was edited to include requested changes and a statement in the nontechnical and technical summaries clarifying that Turnip Mosaic Virus (TuMV) is an infectious clone. Dr. Keerthi Krishnan's registration (#18-513-1) is tabled pending clarification of AAV/CAV constructs as well as transgenic mouse lines.

ii. *Administrative Approvals*

Dr. Qixin Zhong's registration (#14-416-2) amendment covering the addition of *E. coli* K-12 strain (lacks O-antigen of outer membrane; RG1) was administratively approved by the Biosafety Officer.

iii. *Administrative Terminations*

Dr. Wei He's registration (#09-394-2) was administratively terminated on 2/16/2018 (all materials transferred or destroyed (SERF BSL-2 lab decommissioned in July 2017, registration closed in iMedRIS 2/16/18). Dr. Colleen Jonsson's registration (#15-428-2 & #16-434-3) were administratively terminated on 3/5/2018 and 3/7/2018 respectively. All materials have been transferred to UTHSC or destroyed (CVM BSL-3 decommissioned in December 2017; SERF BSL-2 lab decommissioned in February 2018).

iv. *Administrative Exemptions:*

None.

v. *Accidents, Injuries/Exposures:*

None.

vi. *Laboratory Report (Hamilton)*

Linda Hamilton notified the committee that all USDA or CDC permits held by anyone on campus are added to iMedRIS administratively to give our office a mechanism for tracking permits. Linda also notified the committee that Biosafety audits for Walters Life Science Building are deferred until labs have finished moving to the Mossman Building.

vii. *iMedRIS Update, Manual Reviews, & System Orientation (Woofter)*

None.

Charter Revision Update

Brian notified the committee that the Charter and SOPs are still being reviewed. The committee requested to add a clarifying statement on page 1 of the Roles and Responsibilities SOP clarifying purview to include synthetic and recombinant DNA; USDA, CDC and other Federal Permit oversight; under the purview of the IBC and add a link to the website further defining the categories. The committee also requested a change on page 8 about escalation procedures defining university administration for clarity around who should be contacted in the event that an observation is made that needs to be reported and also requested that an appendix with flowchart be added outlining the procedures.

SEBSA Symposium Invitation

Brian notified the committee that the Biosafety Office will be hosting the SEBSA symposium and invited the committee to attend. Registration for the symposium is currently open.

New Business:

WLS and JHB Lab Moves to the New Mossman Building

Dr. Fozo asked the committee how to proceed with laboratory audits and signage posting prior to moving labs to the new Mossman Building. Brian stated that the laboratory will be posted at the highest containment level with a listing of laboratory personnel and designated contacts.

Gap Assessment and Revamp of Animal Biosafety Program

Brian notified the committee that he was working with Jerri O'Rourke and Dr. Lori Cole on reworking the animal biosafety program. They are working on revising the biosafety manuals for the facilities.

The meeting was adjourned at 3:54 PM. The next meeting has been tentatively scheduled for April 18, 2018, at 3 pm in the Plant Biotechnology Building, Room 410.