

MINUTES OF THE INSTITUTIONAL BIOSAFETY COMMITTEE MEETING

August 20, 2014

3:00 PM, 410 Plant Biotechnology Building

MEMBERS PRESENT: Jun Lin, Chair; Patti Coan, Vice Chair; Seung Baek, David Bemis, Paul Dalhaimer, Doris D'Souza, Elizabeth Fozo, Melissa Kennedy, Al Iannacone, Reggie Millwood, Deidra Mountain, Bonnie Ownley, Ling Zhao

Ex-Officio –Brian Ranger, Jonathan Phipps, Robert Nobles

MEMBERS ABSENT: Tamara Chavez-Lindell, Jae Park

OTHERS PRESENT: Jessica Woofter

Opening:

The meeting was called to order by the Chair, Jun Lin at 3:03 PM.

Minutes of July 16, 2014 were reviewed and approved. There were two abstentions.

IBC Applications:

#424 (John Buchanan) Infections Agent, New Registration

Dr. Buchanan's research examines the sanitary quality of surface water and the risks associated with the timing and method of application. His study will assess the efficacy of an ultraviolet module, a chlorine dioxide injection system, and a peroxyacetic acid injection system as surface water disinfectants. He will be examining the reduction of indicator fecal coliforms (total *E. coli*) as well as the presence/absence of pathogens such as Shiga-Toxigenic *E. coli* (STEC) in a double-cropping system with strawberry and cantaloupe. Laboratory procedures include standard membrane filtration (100 ml) and agar plating techniques for determining microbial numbers. The committee approved the registration pending the addition of bleach (or other disinfectant capable of neutralizing enteroviruses) to the disinfection procedures and correction of a typographical error in the personnel list. Containment was set at BSL-2.

Old Business:

Administrative Report

Brian Ranger provided the committee with the administrative report. Following up on the July 16, 2014 IBC meeting, Dr. Albrecht Von Arnim's registration (#240-14) was corrected administratively to include SMP training dates. Dr. Tessa Burch-Smith's registration (#375) was corrected administratively to include disinfectant contact time (bleach; contact time = 10 minutes). Dr. Tarek Hewezi's amendment to registration (#398) was administratively approved to include the addition of various insert genes, *Arabidopsis thaliana* mutants, and the use of recombinant bean pod mottle virus (BPMV) for gene silencing in soybean hosts (contingent upon USDA APHIS BRS approval).

Biosafety Policy/Written Plan for Teaching Labs – Status & Discussion

Dr. Robert Nobles was present to discuss policy infrastructure and documentation processes for creating institutional policy concerning teaching laboratories and oversight. The committee raised concerns about departmental cost incurred by this new policy. Dr. Lin and Brian met with Dr. Nobles

to set up a working group to discuss the creation and implementation of the policy covering teaching laboratories. Brian indicated that the policy and operating procedures would be shaped by the *Guidelines for Biosafety in Teaching Laboratories* (ASM, 2012).

IBC Member Profiles for Website

Brian will send another reminder to the committee members to send him a brief narrative of their individual qualifications for display on the Biosafety website.

Registration Review Mechanisms-Proposed Workflow/ Full vs. Designated Member vs Administrative Reviews

Brian requested that the committee make decisions on how various categories/types of projects should be reviewed (full committee vs. designated member vs. administrative). The approval mechanisms and workflow decided by the committee will need to be incorporated into iMedRIS and the upcoming Charter rewrite. Brian indicated that he would put together an outline of the different types of projects for the committee.

New Business:

IBC Charter Rewrite

Brian is holding off on rewriting the IBC Charter until the general biosafety policy and teaching lab framework are established.

The meeting was adjourned at 4:34 PM.

The next meeting has tentatively been scheduled for 9/17/14 at 3 PM.