

MINUTES OF THE INSTITUTIONAL BIOSAFETY COMMITTEE MEETING

August 15, 2012

3:00 PM, 410 Plant Biotechnology Building

MEMBERS PRESENT: Chunlei Su, Chair; Jun Lin, Vice-Chair; Tamara Chavez-Lindell, Paul Dalhaimer, Doris D'Souza, Al Iannacone, Melissa Kennedy, Dan Kestler, Bonnie Ownley, Jae Park, Ling Zhao
Ex-Officio – Brian Ranger

MEMBERS ABSENT: Seung Baek, David Bemis, Patti Coan, Reggie Millwood

OTHERS PRESENT: Roni Prater, Muthukumar Balasubramaniam, Jessica Woofter

Opening:

The meeting was called to order by Chair, Chunlei Su at 3:00 PM.

Minutes of July 25, 2012 were reviewed and approved pending correction of minor typos.

IBC Applications:

#289-12 (John Biggerstaff) Infectious Agent Registration, 3-year rewrite (Revision)

Roni Prater was present to give the committee an overview of Dr. Biggerstaff's registration covering the use of various Risk Group 2 (e.g. *Staphylococcus aureus*, *Listeria monocytogenes*, *Pseudomonas aeruginosa*) infectious agents as well as human blood and human cell lines. Materials will be used for 1) *in vitro* assays (e.g. phagocytosis by activated lymphocytes), 2) microscopic analysis and the development of microscopic techniques, and 3) *in vivo* xenografts (human cells in immunodeficient mouse model) according to IACUC protocols. The committee approved the registration as written. BSL-2 practices and containment are to be used for the approved procedures.

#390 (Deidra Mountain) Infectious Agent Registration, new registration

Dr. Mountain is researching the contribution of cytomegalovirus (CMV) infections to restenosis and vasculopathy following solid organ transplants. Both animal (rat) and human CMV (provided by Dr. Tim Sparer; clinical isolate from urine) will be used. Rat CMV will be used *in vivo* in an established vascular injury model according to IACUC protocols. Human CMV will only be used *in vitro* on human smooth muscle cells. CMV-infected cells will then be used for migration, proliferation, and invasion assays as well as RNA isolation. The committee approved the registration pending addition of viral titers to be used. BSL-2 practices and containment are to be used for human CMV experiments.

#391 (Neal Stewart) Recombinant DNA Registration, III-E-2-a, new registration

Muthukumar Balasubramaniam was present to give the committee an overview of Dr. Stewart's registration covering the development of plants that can detect arsenic contamination in soil through the use of *Agrobacterium* mediated transformation in ferns and other higher plants (e.g. rice). Briefly, arsenic-responsive promoters will be fused to a bioreporter gene (e.g. GUS). The committee approved the registration at BL-1/BL-1-P pending administrative corrections (more specific title and clarification of fern containment).

Old Business:

Administrative Report

Brian Ranger provided the committee with the administrative report. Following up on the July 2012 IBC meeting, Dr. Elizabeth Fozo's registration (#353) was amended administratively to include the addition of methicillin-sensitive *Staphylococcus aureus* (ATCC 6538) and HIV/HepB/HepC-negative human serum obtained from MP Biomedicals. Dr. Graciela Cabana's Human Derived Materials registration (#389) was approved administratively on August 8, 2012.

Search for Biosafety Specialist Update

Brian Ranger informed the IBC that the search committee has continued reviewing a number of very qualified applications for the Biosafety Specialist position.

Final Comments on IBC Registration Form User's Guide

Brian Ranger asked the committee if they had any other comments or corrections that needed to be made to the User's Guide for the IBC registration form.

New Business:

IBC Website Migration to SharePoint

OIT informed the Biosafety Office in early Spring that the IBC website housed on the old ORACLE platform would no longer be maintained and that the site information was to be migrated to SharePoint. The Biosafety Office has since migrated information from the old IBC website to the new SharePoint site. Jessica Woofter presented the committee with a brief tutorial on how to use the new SharePoint website for IBC meeting materials.

Division of Biology Training (August 21, 2012)

Brian Ranger presented the committee with a brief overview of the information to be presented at the annual Division of Biology Training scheduled for August 21, 2012. The training is designed to be an informational session that will be presented from each safety group.

The committee will reconvene September 19, 2012.

The meeting was adjourned at 3:56 PM.