

MINUTES OF THE INSTITUTIONAL BIOSAFETY COMMITTEE MEETING

April 24, 2014

9:00 AM, 118 Plant Biotechnology Building

MEMBERS PRESENT: Chunlei Su, Chair; Jun Lin, Vice Chair; Seung Baek, David Bemis, Tamara Chavez-Lindell, Patti Coan, Paul Dalhaimer, Doris D'Souza, Al Iannacone, Dan Kestler, Bonnie Ownley

Ex-Officio –Brian Ranger, Jonathan Phipps

MEMBERS ABSENT: Melissa Kennedy, Reggie Millwood, Jae Park, Ling Zhao

OTHERS PRESENT: Dr. Matt Cooper, Jessica Woofter

Opening:

The meeting was called to order by the Chair, Chunlei Su at 9:03 AM.

IBC Applications:

#421 (Matt Cooper) Recombinant DNA Registration, III-D-4-a, New Registration

Dr. Cooper was present to discuss his research on neural mechanisms that control resistance to social stress disorders. His research involves the use of adeno-associated viral (AAV) vector overexpressing designer muscarinic-like receptors in specific neural circuits. Briefly, viral particles expressing designer receptors will be introduced into select brain regions of Syrian hamsters and pharmacologically activated to determine the effects on resistance to social stress. Questions were asked and answered regarding the development and propagation of the viral vector constructs. To clarify, Dr. Cooper stated that all constructs were being purchased at challenge titer from the UNC Chapel Hill Vector Core Facility, and that there would be no *in vitro* construction or propagation procedures in his laboratory. The committee approved the registration at (A)BSL-1 pending clarification of the viral vector stock production (location), the final *in vivo* challenge titer, and removal of technical terms from the non-technical summary.

The meeting was adjourned at 9:32 AM.

The next meeting has tentatively been scheduled for 6/18/14.