



NCI-FREDERICK INSTITUTIONAL BIOSAFETY COMMITTEE

Minutes
June 17, 2008
NCI-Frederick

The NCI-Frederick Institutional Biosafety Committee was convened at 12:00 p.m. in the Building 549 Executive Boardroom with the following members in attendance:

Ms. Theresa Bell, Secretary	Dr. Stephen Creekmore
Dr. Randall Morin, Chair	Dr. Dan McVicar
Dr. Eric Freed	Dr. Serguei Kozlov
Dr. David Derse	Dr. David Garfinkel
Mr. Lucien Winegar	Ms. Dianna Boissey
Mr. Scott Jendrek	Ms. Alberta Peugeot

Members not in attendance: Dr. Henry Hearn, Dr. Bruce Crise, Dr. Stephen Hughes, Dr. Michael Baseler, Dr. Melinda Hollingshead

Others in attendance: Dr. Scott Keimig, Ms. Cara Leitch, Dr. Robert Thomas

Dr. Morin called the meeting to order. The September 2007, March 2008, and May 2008 meeting minutes were approved.

NEW BUSINESS

08-43 (Rozenblum) "Provider of DNA Sequencing and Automation; Gene Expression; Virus Microarray, Genotyping & Q-PCR; Array-CGH; and Molecular Diagnostics Services"

- This is a service study that involves a wide variety of potentially hazardous materials.
- A3: Sharps are used for certain procedures. Is there a sharps-free method?
- A4a: Dipping in 10% bleach does not kill. A 30-minute soak would kill, not a dip.
- B10 & D9: How is the sonification performed? What will be dissected and how?
- B11 & D10: What is the chemical fume hood being used for?

- What is the max volume of material expected in the lab at any one time?
- For the samples containing virus – will there be anything done to increase the titer, concentration, and/or volume of the virus containing material?
- The UV chamber is used to decrease the possibility of DNA carryover between PCR sample handling.
- Universal Precautions should be used at all times.

Dr. Morin made a motion to approve, Dr. Creekmore seconded, and all were in favor.

RENEWALS

08-41 (Hartley) “ATP-PEL Viral Technology Laboratory – Lentivirus Production and Specimen Testing”

- This proposal involves two parts. One part is working with lentiviral vectors and the other part is screening samples as a service for other researchers.
- Why is there a need to use sharps with lentiviral vectors?
- Why are they sonicating? Is this done inside a BSC?
- Where is the material coming from? Is it coming from high-risk groups or regions?

Dr. Derse made a motion to conditionally approve pending responses to the items mentioned above, Dr. Freed seconded, and all were in favor.

OUTSTANDING ITEMS

- Delinquency memos were sent out to those who have not responded to the IBC questions within 60 days.
- All other items on the list are more recent items and the PIs are to answer the IBC questions.

OTHER BUSINESS

- The Bloodborne Pathogen Program is maintaining a compliance rate of 98.2%. The new training portal is scheduled to launch by end of this week.
- OHS reported a needlestick injury involving the removal of a catheter from mouse tail vein. The catheter was glued in place and as the individual attempted to pull it out it got stuck. When the catheter finally broke free, the force caused the needle to jab the individual.
- Polio titer discussion ensued regarding a one-time only boost for those who have already been vaccinated in the past and who will be working with Polio virus.
- The IBC discussed how to account for all the genetically modified animals sent to Receiving and Quarantine at this facility. The number of different strains entering facility per month is approximately 42. Currently, there is a spike in transgenic and knockout animals entering the facility due to new programs starting up recently. It was suggested that the import form be modified to ask if the animal strains are genetically modified. Also, the form should ask if the

genetically modified animals have the potential to express pathogenic, viral, prion proteins, or other hazardous materials. This information can be gathered on the front end prior to the information reaching the IBC office, to help weed out mice that don't need to go through IBC approval. One of the IBC members volunteered to help generate the pertinent questions to be added to the import form.

The meeting ended at 12:43 p.m.

Theresa D. Bell, MPH, CBSP
IBC Secretary
Biological Safety Officer, EHS

Ms. Cara Leitch
IBC Coordinator
Sr. Safety Specialist, EHS

APPROVED:

Randall S. Morin, Dr. P.H.
Chairman, NCI-Frederick IBC
Director, EHS

Date

xc: Dr. Reynolds
Mr. Wheatley
Dr. Arthur
Mr. Butfer