

Dr. Huang Lab Biological Safety Task Procedure Human/Mouse Material

Date: May 1, 2013

Author: Zhaojun Yin

Phone: 517-897-3008

Job Task

Human/mouse Cell Line Culture

Description

Any procedure involved in the manipulation of human/mouse cell lines for culturing in this laboratory. May include but not limited to: Transferring, splitting, feeding, harvesting, inoculation/treating, or freezing of the cells. Opening cell culture flasks for any manipulations. Adding or removing material from flasks, dishes and vials while using aseptic technique.

Hazards

Bloodborne Pathogens, Bleach or other Disinfectant

Engineering Controls

Biological Safety Cabinet

Eyewash

Sink

Mechanical Pipettor

Personal Protective Equipment

Gloves

Lab Coat

Work Practices

- ✓ Turn on cabinet at least 10 minutes prior to use.
- ✓ Before beginning work, close culture room door.
- ✓ Spray all items down with at least 70% ETOH or other disinfectant prior to bringing into cabinet.
- ✓ Add disinfectant (bleach) to vacuum flask prior to use.
- ✓ Open items in biosafety cabinet only.
- ✓ Use aseptic technique and work from clean to dirty inside cabinet.
- ✓ Solid waste must be in a biohazard bag (2 with serological pipettes), a 2nd container that is leak-proof, puncture resistant and closed when unattended.
- ✓ Dispose of biohazardous waste daily: liquid (vacuum flasks) or solid.
- ✓ Liquid waste must be either treated by chemical decontamination or autoclaved immediately after collection and prior to disposing by pouring into sanitary sewer.
- ✓ Solid waste must be autoclaved and then placed in opaque bag into dumpster for disposal.
- ✓ Spray all items down with 10% Bleach, 70% ETOH, or other disinfectant prior to removing from cabinet.
- ✓ Clean cabinet by removing any waste or other items. Do not store items in cabinet or on grills.
- ✓ Disinfect cabinet with 10% bleach or (other appropriate disinfectant like Rocal) as directed by label. Rinse disinfectant if needed by using 70% ETOH or water.
- ✓ Remove gloves, dispose of them in solid biohazard waste, and wash hands with soap and water.