Dr. Borhan's Laboratory Biological Safety Task Procedure Human Material/Viral Work

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Job Task
Human Cell Line Culture

Description
Any procedure involved in the manipulation of human cell lines for culturing or viral culturing work in this laboratory. May include but not limited to: Transferring, splitting, feeding, harvesting, inoculation/treating, or freezing of the cells or virus. Opening cell culture flasks or vials 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
Splash Goggles (when preparing disinfectant or when chance of spill or splash exists)

Work Practices
Turn on cabinet at least 10 minutes prior to use.
Spray all items down with at least 70% ETOH or other disinfectant prior to bringing into cabinet.
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 (bleach) 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. 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.