

McMaster University Biosecurity Plan information for: PI name

Building:

Lab culture area room #

Agent storage: liquid nitrogen #

Freezer or incubator room #

Cold room #

Animal holding room #

Animal procedure room #

BSL level 1 2 3

The Laboratory Biosafety Guidelines requires all facilities which handle infectious agents to have a Biosecurity plan in place. Generally, Biosafety programs deal with containment to prevent exposure to and accidental release of pathogens. Biosecurity plans are implemented **to prevent the theft, misuse or intentional release of pathogens.**

This Biosecurity Plan specifies **security requirements** for working with biohazardous materials. The main components of the biosecurity plan include: physical protection, personnel suitability/reliability, biohazard accountability, and incident and emergency response. Biohazardous materials in use/storage at BSL 2 or BSL1 are low risk categories for biosecurity.

All researchers/faculty need to have biosafety approval prior to working with biohazardous materials. All applications are reviewed by the Presidential Biosafety Advisory Committee and the biosafety office to determine whether the proposed handling of biohazardous materials meets the Human Pathogen and Toxins Act and the Laboratory Biosafety Guidelines, and to assess the containment level and biosecurity risk.

All staff working with biohazardous materials must follow this Biosecurity Plan.

Access during work hours door locked at all times card key access to lab
 card key access to building/wing door unlocked when lab occupied

Access outside of work hours door locked card key access to building/wing
 card key access to lab monitored by security camera.

Storage in fridges, freezers, and liquid nitrogen Dewars which are located in shared rooms are locked if they contain biohazardous materials of risk group 2 or higher.

yes no

only trained and designated laboratory staff have access to locked freezers, fridges, and nitrogen Dewars containing biohazardous material.

Personnel access to labs is restricted to authorized lab occupants, maintenance and janitorial staff, and escorted visitors.

all individuals must have biosafety training appropriate to the biosafety level.

biosecurity training is mandatory for all students and staff working in labs that contain biohazardous materials.

all individuals have a photo ID card or other approved identification and it must be displayed at all times.

visitors may enter a lab only if they are given permission by the supervisor and are escorted by a trained lab occupant.

a log is maintained of all visitors to the lab.

