

# TRU Biosecurity Plan

Date Approved \_\_\_\_\_ Revision Date \_\_\_\_\_

Responsible  
Official

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\_\_\_\_\_  
(signature)

## Rooms Covered

S363,S365/367

## Biosafety Level

S365/367 Level 2, S363 Level 1

## Scope

The Canadian Biosafety Standards (CBS) 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 TRU Biosafety Advisory Committee to determine whether the proposed handling of biohazardous materials meets requirements set out by the Human Pathogen and Toxins Act and the Canadian Biosafety Standards, and to assess the containment level and biosecurity risk.

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

## Access During Work Hours

- ❖ Card key access to S365
- ❖ Key Access to S367, unlocked during classes
- ❖ Internal gate access in S365D open when work is being done, otherwise locked

## Access Outside of Work Hours

- ❖ Doors, internal gate locked.

## Storage

- ❖ Fridges, freezers and liquid nitrogen Dewars are located containment area. These rooms are locked if when no one is working in the area.
- ❖ Only trained and designated laboratory staff have access to locked freezers, fridges, and nitrogen Dewars containing biohazardous material.

## Personnel Access

- ❖ Access to labs is restricted to authorized lab occupants, maintenance and janitorial staff and escorted visitors.
- ❖ All individuals must have biosafety training appropriate for the biosafety level.
- ❖ Biosecurity training is mandatory for all students and staff working in labs that contain biohazardous materials.
- ❖ Visitors may enter a lab only if they are given permission by the supervisor and are escorted by a trained lab occupant.

## Biohazard Accountability

- ❖ An inventory of all containment level 2 biohazardous materials is maintained from acquisition through disposal.
- ❖ Researchers are responsible for maintaining their inventory and advising BSO of removal or addition of organisms.
- ❖ Acquisition of any new organisms must be approved by the BSO before ordering.
- ❖ The inventory includes the type, quantity and location of biohazardous material and is updated annually or as it changes.
- ❖ A record is maintained of the inactivation and disposal of material after use.
- ❖ Loss, theft, or misuse of a biohazardous material is reported to the supervisor and the Biosafety Officer. Security incidents include breach of containment, unauthorized removal of pathogens, and unauthorized personnel in restricted areas.

## Emergency Contact Information

<u>Position</u>	<u>Name</u>	<u>Email</u>	<u>Phone Number</u>
Biosafety Officer:	Peter Fairman	<a href="mailto:pfairman@tru.ca">pfairman@tru.ca</a>	250-320-5158
Researcher:	Ann Cheeptham	<a href="mailto:ncheeptham@tru.ca">ncheeptham@tru.ca</a>	250-371-5891
Researcher:	Jon VanHamme	<a href="mailto:jvanhamme@tru.ca">jvanhamme@tru.ca</a>	250-377-6064
Researcher:	Joanna Urban	<a href="mailto:jurban@tru.ca">jurban@tru.ca</a>	250-371-5542
Researcher:	Cindy Friedman	<a href="mailto:cross@tru.ca">cross@tru.ca</a>	250-828-5424
Researcher:	Mark Rakobowchuk	<a href="mailto:mrakobowchuk@tru.ca">mrakobowchuk@tru.ca</a>	250-371-5544
Laboratory Technician:	Timothy Crowe	<a href="mailto:tcrowe@tru.ca">tcrowe@tru.ca</a>	250-377-6013
TRU Safety Officer:	Gordon Maurits	<a href="mailto:gmaurits@tru.ca">gmaurits@tru.ca</a>	250-828-5139
Local Security:		<a href="mailto:security@tru.ca">security@tru.ca</a>	250-828-5033

