

TRU Biosecurity Plan

Date Approved _____ Revision Date _____

Responsible
Official _____

(signature)

Rooms Covered

S363,S365/367

Biosafety Level

S365/367 Level 2, S363 Level 1

Scope

The Canadian Biosafety Standard (CBS) requires all facilities that 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 loss, theft, misuse, diversion, or intentional release of pathogens, toxins, and other related assets (e.g., personnel, equipment, non-infectious material, and animals)**. 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 CL 1 or CL 2 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:	Sarah Martin	sarahamartin@tru.ca	250-320-5258
Researcher:	Ann Cheeptham	ncheeptham@tru.ca	250-371-5891
Researcher:	Jon Van Hamme	jvanhamme@tru.ca	250-377-6064
Researcher:	Joanna Urban	jurban@tru.ca	250-371-5542
Researcher:	Mark Rakobowchuk	mrakobowchuk@tru.ca	250-371-5544
Microbiology Technician:	Kathy Baethke	kbaethke@tru.ca	250-377-6013
TRU Safety Advisor:	Henry Chan	hechan@tru.ca	250-828-5139
Local Security:		security@tru.ca	250-828-5033

Signature of ALL Lab Members

By signing this document, you affirm that you have read, understood and agreed to adhere to the requirements set out in this biosecurity plan.

Name	Signature	Date