



Biosafety Office Use Only
Permit #
Permit Level:
Expiry Date:

BIOSAFETY PERMIT APPLICATION (LEVEL 1 OR 2)

To meet the requirements of The University of Toronto Biosafety Program, a Biosafety Permit must be approved by the Biosafety Office prior to acquiring (purchasing, importing) or conducting work with biological agents. Any proposed changes to the biological agents or the nature of the work must be submitted to the Biosafety Office for approval through an amendment. The Office must be notified by email immediately when there are changes to locations or personnel.

THE BIOSAFETY PERMIT COVERAGE IS LIMITED TO THE INFORMATION DISCLOSED HEREIN.

PLEASE TYPE

A – Principal Investigator	<input type="text"/>		
Department	<input type="text"/>	UTORid	<input type="text"/>
Mailing Address	<input type="text"/>		
Email	<input type="text"/>		
Phone (Office)	<input type="text"/>	Phone (Lab)	<input type="text"/>
		Phone (Emerg.)	<input type="text"/>
Primary Affiliation:	University of Toronto	Other (please specify)	<input type="text"/>

B – Principal Lab Contact	<input type="text"/>		
Department	<input type="text"/>	UTORid (if available)	<input type="text"/>
Mailing Address	<input type="text"/>		
Email	<input type="text"/>		
Phone (Office)	<input type="text"/>	Phone (Lab)	<input type="text"/>
		Phone (Emerg.)	<input type="text"/>

C – Application Type	New	Renewal		
Permit Type	Research	Facility	Teaching	Storage
D – Permit Level	Level 1	Level 2		

E – Project Title(s) and Funding Sponsor/Granting Agency Name(s)

Project Title	_____		
Funding Agency	_____	Fund/Grant #	Dates Held _____
Project Title	_____		
Funding Agency	_____	Fund/Grant #	Dates Held _____
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Funding Agency	_____	Fund/Grant #	Dates Held _____

If space is insufficient, please use Appendix I

F – Project Locations (Including rooms used for storage only, shared equipment rooms, etc.)

Building	Room No.	Room Use (e.g. tissue culture, cold room)	Containment Level (1 or 2)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

If space is insufficient, please use Appendix II

I – Animal and/or Radioisotope Usage in Conjunction with Biological Agents

Please select all that apply from below.

Animal Use

None. No animal work will be conducted in conjunction with biological agents.

Approval Pending. Animal Use Protocol Form submitted for review.

Approved. Please provide the relevant Animal Use Protocol Number(s): _____

Non-primate mammals

Other animals

Radiation Use

None. No radiation will be used in conjunction with biological agents.

Approval Pending. Permit Application submitted for review.

Approved. Please provide the UTRPA Permit Number(s): _____

Radioisotope

Irradiator

X-ray

Laser

J – Other Permits and Approvals

Indicate if any other approvals or permits are required for the listed project(s).

YES

NO

E.g. REB, CFIA Import permits. If yes selected, submit copies with your application package.

K-I – Biological Agent(s): Check all applicable bioagent categories including for material in use and stored.

See instructions in Appendix IV and Appendix IVA for further information on biological agents that is required in this permit application.

Human tissues and cells

Human blood and blood fractions

Human body fluids

Primary human cell cultures

Established human cell lines

Animal tissues and cells

Animal blood and blood fractions

Animal body fluids

Primary animal cell cultures

Established animal cell lines

Bacteria

Parasites

Fungi

Viruses (replication competent)

Non-replicating viral vectors

Recombinant DNA/RNA

Microbial toxins

Other (specify): _____

K-III – Assessment on the Potential for Dual-Use

Use the Assessment on the Potential for Dual-Use subform provided in the application package.

M – Medical Surveillance

Medical Surveillance is the process of evaluating the health of workers as it relates to their potential exposure in the laboratory to biohazardous agents, monitoring the result of an exposure, and arranging for and monitoring pre- and post-exposure prophylaxis where applicable. Please answer the following questions with respect to all biological agents listed on the permit.

1. Is medical surveillance, immunoprophylaxis and/or vaccine available/indicated for any of the biological agents or biological toxins listed on this permit?

Yes

No

2. Does your research involve biological agents or biological toxins with pre- and post-exposure prophylaxis (e.g., SARS CoV-2, HIV, Human T-lymphotropic virus (HTLV), Hepatitis A, Hepatitis B, Hepatitis C, Listeria, Mycobacterium tuberculosis, Q-fever (Coxiella), Rubella, Toxoplasma, Diphtheria, Vaccinia and/or Varicella)?

Yes

No

3. Does your research involve animals other than purpose-bred laboratory rodents, that might pose a risk of zoonotic pathogens.

Yes

No

4. Does your research involve human or non-human primate organs, tissues, whole blood, blood products and/or body fluid.

Yes

No

5. Have you informed individuals in the lab of the [Pregnancy Workplace Screening Tool for Pregnant Workers \(PDF\)](#) for individuals who are pregnant or planning to be pregnant and if hazards exist in the lab, they must consult with Occupational Health at U of T at ehs.occhealth@utoronto.ca after completion of the form?

Yes

No

6. Have you informed all individuals in the lab, that if they are or become immunocompromised, they must consult with Occupational Health at U of T at ehs.occhealth@utoronto.ca.

Yes

No

N – Declarations

All researchers and their respective Departmental Chair/Faculty Dean or official designate must sign below.

As the **Principal Investigator** on this project, I declare that I am familiar with the contents of the **University of Toronto Biosafety program**, and that the above describes my research program, insofar as this includes the use of hazardous biological agents and materials, in its entirety. As the legally responsible individual I will ensure that all research and/or teaching conducted under my direction in the above laboratories and by the personnel listed, conforms to the standards set out in the **Biosafety Guidelines at the University of Toronto**, as well as provincial, federal and international policies and regulations that govern research involving biological agents. Any major deviation from the project, as originally approved, will be submitted to the biosafety office for review and approval by the Biosafety Review Committee prior to its implementation.

Name of Principal Investigator

Signature

Date

As the **Departmental Chair/Faculty Dean**, I am aware of the proposed activity. My administrative unit will follow guidelines and procedures which ensure compliance with all relevant University, provincial, national or international policies and regulations that govern research with biological agents.

Name of Chair/Dean (or designate)

Signature

Date

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Subject Matter Expert (if applicable)

Signature

Date

University Biosafety Committee
Veterinary Reviewer (if applicable)

Signature

Date

University Local Biosafety
Committee Member

Signature

Date

University Local Biosafety
Committee Chair

Signature

Date

University Biosafety Officer

Signature

Date

Conditions and/or Comments:

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APPENDICES

APPENDIX I

E – Project Title(s) and Funding Sponsor/Granting Agency Name(s)

Project Name

Funding Agency

Fund/Grant #

Dates Held

Project Name

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APPENDIX IV

Research Activities involving Biological Agents

Please use a WORD document to briefly outline the procedures which involve the use of biological agents including procedures involving animals used in conjunction with biological agents for each project. For work involving viral vectors, follow instructions in Appendix VIA.

Instructions for Appendix IV

- 1) See guidelines provided by EHS for Appendix IV
- 2) Use a WORD document to outline the goal(s) and overview of the procedures used for each project and submit along with your permit application package.
- 3) Provide sufficient detail so that the Local Biosafety Committee reviewer can understand and evaluate the work without having to resort to external sources.
- 4) For protocols that are not widely used, include a reference.

APPENDIX IVA

Research Activities involving Viral Vectors

Use the Viral Vectors subform (provided in the application package) to describe details of the viral vectors employed.

Fill one subform for each vector system used.

APPENDIX VII

Provisions for VIABLE human pathogens

It is important for people working with pathogens to be aware of symptoms of infection so that should they become infected, appropriate action can be taken. The information requested in the boxes refers to that for humans. EHS suggests using [PSDS](#), [CDC](#), or [Public Health Ontario](#).

Please list the following criteria for pathogenic risk group 2 agents listed in **Section K-II**:

	Infectious Agent 1	Infectious Agent 2	Infectious Agent 3	Infectious Agent 4	Infectious Agent 5
Name of Biological Agent					
Mode of Transmission					
Incubation Period					
Period of Communicability					
Infectious Dose					
Typical Presenting Symptoms					
Mode of Decontamination					
Emergency Response					