

Revised February 2010

Appendix I – Please copy Section M - BIOHAZARD AND RADIOISOTOPE USE of your YUACC protocol in the space provided below.

**Please complete the following information for all biological materials listed in Appendix II.
FOR ANIMALS REQUIRING ETHICS APPROVAL, only complete Question 4.**

1. Please describe the safety measures taken during the transportation of the organisms/biological materials listed:

Attached standard operation procedures (SOPs)

2. Please describe how the biological materials listed will be prepared (e.g. sonicated, centrifuged):

Attached SOPs

3. Briefly describe safety precautions employed while handling biological materials in the lab:

- All general laboratory safety practices described in Chapter 3.1.1 of the Laboratory Biosafety Guidelines are followed.
- All containment level 2 laboratory safety practices in Chapter 3.1.2 of the Laboratory Biosafety Guidelines are followed.

Outline the additional safety precautions specific to the handling of your organisms/biological materials.

4. Please describe the laboratory protocols followed for disinfection (e.g. lab surfaces), decontamination and disposal of biological materials and contaminated products (pipette tips, used agar plates etc.):

Attached SOPs

5. Describe measures taken to secure the biological materials from unintentional use (e.g. theft):

Please complete the following information for all viruses, vectors, DNA/RNA listed in Appendix III

1. Please describe the safety measures taken during the transportation of the biological materials listed:

Attached standard operation procedures (SOPs)

2. Please describe how the biological materials listed above will be prepared (e.g. sonicated, centrifuged):

Attached SOPs

3. Briefly describe safety precautions employed while handling biohazardous materials in the lab:

- All general laboratory safety practices described in Chapter 3.1.1 of the Laboratory Biosafety Guidelines are followed.
- All containment level 2 laboratory safety practices in Chapter 3.1.2 of the Laboratory Biosafety Guidelines are followed.

Outline the additional safety precautions specific to the handling of your organisms/biological materials.

4. Please describe the laboratory protocols followed for disinfection (e.g. lab surfaces), decontamination and disposal of biological materials and contaminated products (pipette tips, used agar plates etc.):

Attached SOPs

5. Please describe measures taken to secure the biological materials from unintentional use (e.g. theft):

Please complete the following information for all tissues listed in Appendix IV

1. Please describe the safety measures taken during the transportation of the tissue samples listed:

Attached standard operation procedures (SOPs)

2. Please describe how the tissue samples will be prepared (e.g. sectioned, stained, homogenized):

Attached SOPs

3. Briefly describe safety precautions employed while handling tissue samples in the lab:

- All general laboratory safety practices described in Chapter 3.1.1 of the Laboratory Biosafety Guidelines are followed.
- All containment level 2 laboratory safety practices in Chapter 3.1.2 of the Laboratory Biosafety Guidelines are followed.

Outline the additional safety precautions specific to the handling of your organisms/biological materials.

4. Please describe the laboratory protocols followed for disinfection (e.g. lab surfaces), decontamination and disposal of tissue samples and contaminated products (pipette tips, dishes etc...):

Attached SOPs

5. Please describe measures taken to secure tissue samples from unintentional use (e.g. theft):

Please complete the following information for all cell lines listed in Appendix V

1. Please describe the safety measures taken during the transportation of the cell lines listed:

Attached standard operation procedures (SOPs)

2. Please describe how the cell lines listed above will be prepared (e.g. sonicated, centrifuged):

Attached SOPs

3. Briefly describe safety precautions employed while handling cell lines in the lab:

All general laboratory safety practices described in Chapter 3.1.1 of the Laboratory Biosafety Guidelines are followed.

All containment level 2 laboratory safety practices in Chapter 3.1.2 of the Laboratory Biosafety Guidelines are followed.

Outline the additional safety precautions specific to the handling of your organisms/biological materials.

4. Please describe the laboratory protocols followed for disinfection (e.g. lab surfaces), decontamination and disposal of cell lines and contaminated products (pipette tips, media, culture plates etc...):

Attached SOPs

5. Please describe measures taken to secure the cell lines from unintentional use (e.g. theft):

3. Please describe the safety measures taken during the transportation of the biological materials:

Attached standard operation procedures (SOPs)

4. Please describe how the biological materials listed above will be prepared (e.g. sonicated, centrifuged):

Attached SOPs

5. Briefly describe safety precautions employed while handling biological materials in the lab:

- All general laboratory safety practices described in Chapter 3.1.1 of the Laboratory Biosafety Guidelines are followed.
- All containment level 2 laboratory safety practices in Chapter 3.1.2 of the Laboratory Biosafety Guidelines are followed.

Outline the additional safety precautions specific to the handling of your organisms/biological materials.

6. Please describe the laboratory protocols followed for disinfection (e.g. lab surfaces), decontamination and disposal of biological materials and contaminated products (pipette tips, gloves, tubes, etc.):

Attached SOPs

7. Please describe measures taken to secure the biological materials from unintentional use (e.g. theft):

**Appendix VII –Schedule I toxins under the Human Pathogens and Toxins Act.
(Subsections 3(1), 9(1) and (3) and 10(1)).**

Aerolysin	Listeriolysin O
Alpha toxin	<i>Pasteurella multocida</i> toxin
Anthrax toxins: Lethal Toxin and Oedema Toxin	Perfringolysin O
<i>Bordetella pertussis</i> Adenylate cyclase toxin	Pertussis toxin
Botulinum neurotoxin	Pneumolysin
Cholera toxin	Pyrogenic exotoxin
<i>Clostridium botulinum</i> C2 and C3 toxins	Shiga-like toxin (verotoxin)
<i>Clostridium difficile</i> toxins A and B	Shigatoxin
<i>Clostridium perfringens</i> Epsilon toxin	Staphylococcal enterotoxins
Dermonecrotic toxin	<i>Staphylococcus aureus</i> Toxic shock syndrome toxin
Diphtheria toxin	Streptolysin O
Exfoliative toxin (also called Exfoliatin)	Tetanolysin
Exotoxin A	Tetanospasmin (Tetanus toxin)
Hemolysin	
<i>Escherichia coli</i> toxins: <i>E. coli</i> Cytotoxic Necrotizing Factor (CNF), Heat-labile <i>E. coli</i> enterotoxin (LT), Heat-stable <i>E. coli</i> enterotoxin (ST), Cytolethal distending toxin (CLDT) and Enteroaggregative Shiga-like toxin 1 (EAST)	

**If you are in possession of any pathogens or toxins in this schedule,
list them in Appendix II (Section H)**