|  |  |
| --- | --- |
|  | Safety & Environmental Protection Services |

**Pathogens and Toxins Registration Form**

Please read the guidance on the SEPS website before completing this form since it will explain precisely which types of biological materials must be registered.

Your name and email

|  |
| --- |
| Professor Jane Collins (jane.collins@glasgow.ac.uk) |

Principal Investigator’s name and email

|  |
| --- |
| Professor Jane Collins (jane.collins@glasgow.ac.uk) |

Safety Coordinator’s name and email

|  |
| --- |
| John Brown (john.brown@glasgow.ac.uk) |

School / Institute

|  |
| --- |
| Institute of Molecular Biology |

Location of work and storage (eg building and rooms)

|  |
| --- |
| Molecular Biology Building |

Will the materials be obtained as a biological hazard, biological agent or toxin

|  |
| --- |
| Biological hazards, biological agents and toxins |

If the material is a biological hazard go to **Section A**.

If the material is a biological agent go to **Section B**.

If the material is a toxin go to **Section C**.

**Section A Biological Hazards**

Register pathogen infected materials according to the SEPS guidance in this section. This includes human, animal and plant tissues, blood, cell cultures, organisms, soils, samples or other materials from known or suspected high risk sources.

Type of tissues, cell cultures, organisms, samples or other materials

|  |
| --- |
| Large mammals (cattle), small mammals (rodents), primary human tissues, primary animal tissues, continuous cell lines, clinical samples and environmental samples. |

Source (eg country of origin, location, person, company or institution)

|  |
| --- |
| UK, European Union, Russia, India, Kenya, Brazil and China |

What pathogens are known or highly suspected to be present in the material

|  |
| --- |
| *Salmonella enterica* Typhi (Multiple field and clinical strains and isolates) and *Escherichia coli* O157 (Verocytotoxigenic strains). |

Does the material require any type of licence

|  |
| --- |
| No |

**Section B Biological Agents**

Register pathogens according to the SEPS guidance in this section. Register also those pathogens and relevant genetic materials which are listed in Schedule 5 of the Anti-Terrorism, Crime and Security Act according to the SEPS guidance in this section. Multiple strains of a pathogen species with the same hazard group can be listed together but indicate the approximate number of different strains involved. Please provide separate information for strains which belong to different hazard groups.

Type of pathogen, genus, species and strains

|  |
| --- |
| *Salmonella enterica* Typhi (Multiple field and clinical strains and isolates) and *Escherichia coli* O157 (Verocytotoxigenic strains). |

Source (eg country of origin, location, person, company or institution)

|  |
| --- |
| UK, European Union, Russia, India, Kenya, Sudan, Brazil, China and Australia. Various strains obtained from Prof R. J. H. Xiang (National University of China), field isolates, various UK and overseas hospitals and reference laboratories and the European Collection of Cell Cultures (ECACC). |

Hazard group (eg 2 or 3)

|  |
| --- |
| 3 |

Is the pathogen a genetically modified organism

|  |
| --- |
| Both GMO strains and non-GMO strains |

Is the pathogen or any related material listed in Schedule 5 of the Anti-Terrorism, Crime and Security Act

|  |
| --- |
| Yes both are Schedule 5 pathogens |

Is it an animal pathogen which requires an animal health licence

|  |
| --- |
| No |

Is it a plant pathogen or pest which requires a plant health licence

|  |
| --- |
| No |

**Section C Toxins**

Register toxins and any relevant genetic materials which are listed in Schedule 5 of the Anti-Terrorism, Crime and Security Act according to the SEPS guidance in this section.

Type of toxin

|  |
| --- |
| Botulinum toxin and Tetrodotoxin |

Source (eg country of origin, location, person, company or institution)

|  |
| --- |
| UK, Fisher Scientific |

Quantity and concentration of toxin

|  |
| --- |
| Botulinum 10mg (2 x 5ml of 1mg/ml) and Tetrodotoxin 1mg (10ml of 100ug/ml) |

Does the toxin require any type of licence

|  |
| --- |
| No but both are Schedule 5 toxins. |

**What to do with the Completed Form**

Please email a copy of the completed form to the Principal Investigator, your Safety Coordinator and to the University Biological Safety Adviser safety@glasgow.ac.uk in the Safety and Environmental Protection Service. The Principal Investigator must keep a copy of the form for their records and the Safety Coordinator must keep copies of all forms together with a complete list for the School’s / Institute’s records.