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| **Laboratory Contact Information** |
| PI Name and E-mail |  |
| Laboratory(ies)- Building and Room Number(s) |  |
| Group Safety Representative and E-mail Address |  |
| **Agent Name:**  |  |
| **Characteristics of the Agent** |
| Risk Group (based on NIH definition).  | [ ] **RG-1:** not known to be associated with human disease in healthy individuals[ ] **RG-2:** known to be associated with human disease that is rarely serious, preventative or therapeutic interventions are typically available [ ] **RG-3:** known to be associated with serious or lethal human disease, preventative or therapeutic interventions may or may not available |
| Agent Type | [ ] Bacteria [ ] Protozoa [ ] Prion[ ] Virus [ ] Archaea [ ] Parasite [ ] Algae  | [ ] Human cells (primary and established cell lines or blood) and/ or human tissues [ ] Human bodily fluids (saliva, urine, feces, CSF, etc.) [ ] Non-human mammalian cells or tissues [ ] Non-human non-mammalian cells or tissues [ ] Recombinant Nucleic Acid Molecules  |
| Agent/ Strain/ Family of microorganisms and Source Information |  |
| Permit Requirements | Are there any special permits/authorizations required for this agent? [ ] Yes [ ] No |
| Pathogenicity, Virulence, Infectious Dose(attenuated/ standard/ more virulent; environmental stability, etc.) |  |

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| **Biological Risks Associated with Agent** |
| Incubation Period (From exposure to onset of symptoms) |  |
| Signs and Symptoms of Disease  |  |
| Host Range |  |
| Routes of Exposure | [ ] Direct Contact [ ] Mucous Membranes [ ] Vertical Transmission[ ] Aerosols/ Inhalation [ ] Contaminated Fomites  | [ ] Aerosol/ Inhalation[ ] Percutaneous [ ] Broken Skin[ ] Other- specify: [ ] Animal Bites[ ] Ingestion |

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| **Laboratory Hazards and Handling Guidelines** |
| Recommended Laboratory Biosafety Level  | [ ] BSL-1 [ ] BSL-2 [ ] BSL-2+ (BSL-2 with BSL-3 practices)[ ] BSL-3 |
| Laboratory Hazards  | [ ] Aerosol-generating procedures (centrifugation, sonication, high pressure systems, vortexing, tube cap popping) [ ] Handling of sharps (needles and syringes, scalpels, microtome blades, broken glass, razor blades, etc.) [ ] Splash-generating activities (pipetting, shaking incubators, liquid cultures) [ ] Equipment contamination[ ] Exposed skin/ uncovered wounds[ ] Other (specify):  |
| Prior known Laboratory Acquired Infections (LAIs)Provide background information if yes | [ ] Yes [ ] NoPrior LAIs documented:  |
| Risk Mitigation Options(Potential alternative options to working with this agent) |  |
| Required US & A Training  | [ ] Biological Safety [ ] Bloodborne Pathogens[ ] Radiation Safety[ ] Laboratory Safety/ Chemical Hygiene | [ ] Hazardous Waste Generator[ ] Respiratory Protection[ ] Human Subjects Training[ ] Other (Specify):  |
| Lab Engineering Controls  | [ ] Impervious bench top [ ] Chemical fume hood[ ] Centrifuge with lid, safety cups, other safety features | [ ] Biological Safety Cabinet (specify type: )[ ] Use of safety-engineered sharps (describe: )[ ] Other (specify):  |
| Personal Protective Equipment (PPE) | [ ] Eye protection (specify): [ ] Gloves (specify): [ ] Lab coat- disposable, with cinch cuffs [ ] Lab coat- cloth with cinch cuffs (no open cuffs)[ ] Disposable solid-front lab gown [ ] Protective Suit[ ] Respirator (specify)[ ] Shoe covers[ ] Scrubs | [ ] Booties[ ] Sleeve covers[ ] Hair nets [ ] Bonnets[ ] Face shields[ ] Safety Glasses[ ] Goggles[ ] Surgical masks |
| **Animal Vivarium Guidelines** |
| Animal Biosafety Level of Containment (ABSL) | [ ] ABSL-1 [ ] ABSL-2 [ ]  ABSL-3 |
| Animal Biosecurity |  |
| Special Practices- describe inoculations (where they are performed, measures taken to protect researcher/ prevent accidental release).  |  |
| Cage Changes and Room Decontamination(SOP for cage change, routine decontamination of animal lab space) |  |

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| **Decontamination and Disposal**  |
| Disinfectants Appropriate for Equipment/ Benchtop |  |
| Biological Safety Cabinet Decontamination |  |
| Biohazardous Waste Decontamination |  |
| Decontaminated biohazardous waste disposal |  |
| Sharps Disposal  |  |

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| **Accidental Exposure and Spill Procedures** |
| Spills outside of biosafety cabinet  |  |
| Spills inside of biosafety cabinet  |  |
| Mucous membrane exposure |  |
| Other exposures  |  |
| Incident Reporting |  |

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| **Occupational Health** |
| Immunizations  | [ ] Available [ ] Not available  |
| Prophylaxis (describe):  |  |
| Post-Exposure Treatment Options(Indicate contraindications for pre or post-exposure prophylaxis as well)  |  |
| At-Risk Personnel(High-risk populations, if anyone should potentially be excluded from work with agent and why) |  |

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| **Biosafety Level \_ Containment Requirements**  |
| Personal Hygiene  |  |
| Standard Microbiological Practices |  |
| Special Practices  |  |
| Waste Guidance |  |

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| **Special Considerations**  |
| Transport of Agent | [ ] Transporting between laboratory rooms or buildings: [ ] Transporting from off-campus or to an off-campus location:  |
| Storage of Agent  |  |
| Other |  |

# References

Cornell University. (2018, January). *Biological Agent Reference Sheets*. Retrieved from Cornell University EHS: https://sp.ehs.cornell.edu/lab-research-safety/bios/bars/Pages/default.aspx

OSHA. (1992). *Regulations (Standards- 29 CFR) - Table of Contents*. Retrieved from United States Department of Labor Occupational Safety and Health Administration : https://www.osha.gov/pls/oshaweb/owadisp.show\_document?p\_table=STANDARDS&p\_id=10051

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| Biosafety Program Office Use Only |
| Reviewed: BSO Signature:  |