**Dual Use Research of Concern (DURC) Application**

|  |
| --- |
| Dual Use Research of Concern (DURC) is defined as life sciences research that, based on current understanding, can be reasonably anticipated to provide knowledge, information, products, or technologies that could be directly misapplied to pose a significant threat with broad potential consequences to public health and safety, agricultural crops and other plants, animals, the environment, or national security.  Complete questions 1 through 13 (until you reach the “DURC Institutional Review Entity Assessment” section). Fields will expand as needed. Consult the [DURC Companion Guide](http://www.phe.gov/s3/dualuse/Documents/durc-companion-guide.pdf), [DURC Case Studies](http://www.phe.gov/s3/dualuse/Documents/12-case-studies-durc.pdf), and [UW EH&S DURC website](https://www.ehs.washington.edu/rbsresplan/selectagent.shtm#durc) for help completing the application.  Submit your completed document to:  **EH&S Research and Occupational Safety**  [**ehsbio@uw.edu**](mailto:ehsbio@uw.edu) **· box 357165 · phone 206.221.7770 · fax 206.221.3068**  Electronic submissions are preferred. |

**General Project Information**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | | | | |
|  | **Name** | **Phone** | **Email** | **UW NetID** | **Advanced Degree(s)** | **Box** |
| **Principal Investigator** |  | .   . |  |  |  |  |
| **Lab Contact**  if different than PI |  | .   . |  |  |  |  |
| **Department** | | | **Division** if applicable | | | |
| **Anticipated Start Date** | | | **eGC-1 Number(s)** | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Agent or Toxin Involved in Project** | | | | |
| 1. | Check all that apply. Include all research that directly involves non-attenuated forms of the listed agents. Strains are considered to be “attenuated” and do not need to be listed on this form only if they appear on the [Select Agent and Toxins Exclusions](http://www.selectagents.gov/SelectAgentsandToxinsExclusions.html) list. However, if a listed attenuated agent will be subjected to any manipulation that restores or enhances its virulence or toxic activity, the resulting agent or toxin needs to be described on this form. | | | |
|  |  | Avian influenza virus (highly pathogenic) |  | Rinderpest virus |
|  |  | *Bacillus anthracis* |  | Toxin-producing strains of *Clostridium botulinum* |
|  |  | Botulinum neurotoxin (any quantity) |  | *Yersinia pestis* |
|  |  | *Burkholderia mallei* | \*\*Risk Group 4 agents are not permitted at UW.\*\* | |
|  |  | *Burkholderia pseudomallei* |  | Ebola virus |
|  |  | Foot-and-mouth disease virus |  | Marburg virus |
|  |  | *Francisella tularensis* |  | Variola major virus |
|  |  | Reconstructed 1918 influenza virus |  | Variola minor virus |
| *For DURC Institutional Review Entity (IRE) Use Only:*  *The research has been verified to directly involve non-attenuated strains as indicated above.* | | | | |

|  |  |  |
| --- | --- | --- |
|  | | |
|  |  | |
| **Research Description**  In language scientific colleagues outside of your discipline would understand, please provide a narrative answer to the questions below. Describe your research only as it relates to the agents & toxins listed above. | |
| 2. | Describe the goals or aims of your research. |
| 3. | Describe the experimental manipulations you will perform. |
| 4. | Describe the anticipated outcome of your research. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Assessment of Experimental Effects**  Please indicate whether the research produces, aims to produce, or can be reasonably anticipated to produce any of the experimental effects listed below. Check all that apply. Visit the [DURC Companion Guide](http://www.phe.gov/s3/dualuse/Documents/durc-companion-guide.pdf) for help. | | | |
|  | Yes | No |  |
| 5. |  |  | Enhances the harmful consequences of the agent or toxin. Explain your answer. |
| 6. |  |  | Disrupts immunity or the effectiveness of an immunization against the agent or toxin without clinical or agricultural justification. Explain your answer. |
| 7. |  |  | Confers to the agent or toxin resistance to clinically or agriculturally useful prophylactic or therapeutic interventions against that agent or toxin or facilitates its ability to evade detection methodologies. Explain your answer. |
| 8. |  |  | Alters properties of the agent or toxin in a manner that would enhance its stability, transmissibility, or ability to be disseminated. Explain your answer. |
| 9. |  |  | Alters the host range or tropism of the agent or toxin. Explain your answer. |
| 10. |  |  | Enhances the susceptibility of a host population to the agent or toxin. Explain your answer. |
| 11. |  |  | Generates or reconstitutes an eradicated or extinct agent or toxin listed in question 1. Explain your answer. |
| *For DURC IRE Use Only* | | | |
|  | *None of the experimental effects apply to this research.* | | |
|  | *One or more of the experimental effects applies to this research.* | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Funding Source(s)** | | | |
| 12. | **Funding Agency** | **Grant / Contract Number**  **(or other project identifier)** | **Funding Agency**  **Point of Contact** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Training of Laboratory Personnel**  The *Policy for Institutional DURC Oversight* requires that all laboratory personnel conducting research with any of the 15 agents listed above have received education and training on DURC. Please indicate below the names of all laboratory personnel involved in this project and the date that [UW DURC training](https://www.ehs.washington.edu/rbsresplan/selectagent.shtm) was completed.  Use [My EH&S Training](https://depts.washington.edu/ehas/pubcookie/prod/mytraining/index.php) to help you find the relevant training dates. | | | | |
| 13. | **Name** | **Title/Role** | **UW Net ID** | **Completion Dates** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **To the best of my knowledge, the information reported on this form is correct and accurately reflects my proposed research. I will notify the DURC IRE if the scope of my research changes or I initiate work with any of the agents listed on the first page of this form. I will ensure that any laboratory personnel working with any DURC agent will complete the UW DURC training online course.**    Principal Investigator Name (printed or typed)    Principal Investigator Signature/Electronic Signature Date | | |
|  | Submit your completed form to  **EH&S Research and Occupational Safety**  [**ehsbio@uw.edu**](mailto:ehsbio@uw.edu) **· box 357165 · phone 206.221.7770 · fax 206.221.3068**  Electronic submissions are preferred. |  | |