

DURC Review - Application Form

Institutional Review Entity (IRE)

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, materiel, or national security.

PI:	BUA#:
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AGENT* (*check only one per application*):

Bacteria:

- Bacillus anthracis*
- Burkholderia mallei*
- Burkholderia pseudomallei*
- Clostridium botulinum* (toxin-producing strains)
- Yersinia pestis*
- Francisella tularensis*

Viruses:

- Avian influenza virus (highly pathogenic)
- Influenza virus (reconstructed 1918)
- Ebola virus
- Foot-and-mouth disease virus
- Marburg virus
- Rinderpest virus
- Variola major virus
- Variola minor virus

Toxin:

- Botulinum neurotoxin (**any quantity, Botox included**)

** Attenuated strains which are excluded from the Select Agent list and inactive forms of botulinum neurotoxin do not apply.*

EXPERIMENT(S) (*check all that apply*):

- Enhances the harmful consequences of the agent or toxin
- Disrupts immunity or the effectiveness of an immunization against the agent or toxin without clinical and/or agricultural justification
- Confers to the agent or toxin resistance to clinically and/or agriculturally useful prophylactic or therapeutic interventions against that agent or toxin or facilitates their ability to evade detection methodologies
- Increases the stability, transmissibility, or the ability to disseminate the agent or toxin
- Alters the host range or tropism of the agent or toxin
- Enhances the susceptibility of a host population to the agent or toxin
- Generates or reconstitutes an eradicated or extinct agent or toxin listed above

- The experiments with the agent or toxin do not include any of the aims described above.*

Research Aim/Purpose:

Experimental Manipulation(s):

Anticipated Outcome:

I certify that the information contained in this application is accurate to best of my knowledge. Additionally, I have read and understood the “Training on the U.S. Government Policy for Institutional Oversight of Life Sciences Dual Use Research of Concern” and agree to comply with all components of the University of California Policy on Dual Use Research of Concern.

I will not proceed with the experiment until I have received an official notice of approval from IRE unless otherwise specified. I acknowledge that IRE approval granted by this application is non-transferable to any other UC Berkeley researcher.

Principal Investigator Signature:

Date:

IRE use only

The IRE has determined that:

this research **does not** meet the DURC definition and no additional review and oversight are required. The PI must report to the IRE any results or changes in the research such that one or more of the 7 categories of experimental effects may apply, or if the PI feels that the research may be DURC.

this research meets the DURC definition and requires additional oversight under the *USG Policy for Institutional Oversight of DURC*. Corresponding USG funding agency will be notified and a draft of the mitigation plan will be submitted within 90 days of this determination

Mitigation Plan submitted to the funding agency on

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Approved Mitigation Plan on file

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IRE Comments:

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ICDUR (print and signature)

Date