



## Wyss Institute Risk Management Plan - Template Form

“Title”

“Investigator”

1. Justification/ Benefit of Project:
2. Substitution of Higher-Hazard Materials:
3. Biosecurity or Biosafety Measures Summary:

### I. Molecular Control/ Ecological Containment

In this section, outline the inherent/natural and experimentally-introduced controls at the molecular level. These controls may include pseudo-typing, deletion of plasmids involved in virulence, and kill switches etc. Ecological containment such as use of organisms/species that cannot survive in a given environment or under certain conditions should also be included. Include additional resources, literature, charts, and supporting information as needed. These controls are only permitted for use in laboratory research environments in combination with biocontainment facility design and associated practices and procedures, and are not permitted or tested in field trials.

Control	Description	Safety/Security Impact of Control

## II. Physical Containment/BSL

Outline the containment level requirements needed for work with agents as required per NIH and Biosafety in Microbiology and Biological Labs (BMBL 5<sup>th</sup> ed).

Experimental Activity	Location	BSL/Special Safety Requirements-Per Activity	Safety/Security Impact of Control

## III. Experiment-Specific Procedures

Outline additional controls above just that of standard containment practices and procedures. Additional control may include enhanced waste treatment procedures not specified by NIH/CDC, access controls, specialized primary containment engineering controls, etc.

Control	Description	Safety/Security Impact of Control