

RETURN WITHIN: 10 Days

Yale Biological Safety Committee Cover Sheet for Renewal and Updates of Recombinant DNA Registrations

As part of the periodic renewal of campus rDNA registrations, please review your attached approved rDNA Registration and update the pertinent sections below to document any changes to your protocol. Mail this update cover sheet back to us for processing.

RDNA Registration #:	Principal Investigator:
Title:	

Check the box that best applies to this rDNA Experiment in your laboratory:

- Please close out this rDNA Registration; we will no longer perform these experiments. **We have destroyed the rDNA vectors and/or pathogens and no longer have them in our lab.** Once closed – you will have to re-register with the Yale IBC.
- Please renew this registration without changes to the attached rDNA Registration.
- Please renew this registration with Personnel or Location changes only (see Sections IV and V below).
- Please update the experimental changes below in Sections I-A, I-B, and I-C. (Note: significant changes, such as new viral vectors or pathogens, will require IBC registration before initiation).

Please respond w/in 30 days to update your rDNA Registration with the Yale Biological Safety Committee as required by the NIH Guidelines for rDNA Research. If you have any questions, please notify your EHS Safety Advisor, or call the Biosafety Office at 203-785-3550.

Date Sent to Principal Investigator: _____

Principal Investigator (please print): _____

Principal Investigator Signature: _____

Date: _____

Update Information

Section I-A: Experiments in E. coli or other prokaryotic hosts

Reported Changes of:

Host(s):

Vector(s):

Inserted DNA:

Section I-B: Experiments in eukaryotic cells

Reported Changes of:

Host(s):

Vector(s):

Inserted DNA:

Helper virus or packaging cells if used:

Section I-C: Experiments using whole plants or animals as hosts

Plant/animal hosts:

Vector(s):

Inserted DNA:

TRANSGENIC ANIMALS

- Check this box if your lab will directly create transgenic animals or plants (i.e. final generation of the transgenic animal is performed by your laboratory and not the Transgenic Mouse core or purchased from a 3rd party vendor)

IV. Location (Building and Room) – list all locations where rDNA work is performed

V. Personnel (Use the space provided below to document personnel changes in your lab)

Names of current lab staff assigned to rDNA Protocols: _____

Names to delete from this rDNA Registration: _____

VI. Dual Use Research

In reviewing registrations, the Yale IBC considers "dual use" potential, namely the potential for research projects with a beneficial purpose to provide knowledge, products or technologies that could be directly misapplied to pose a threat to public health and safety, agricultural crops and other plants, animals, the environment, or material. For a full discussion of this topic, consult <http://osp.od.nih.gov/office-biotechnology-activities/biosecurity/dual-use-research-concern>

Will you be conducting research that directly uses nonattenuated forms of one or more of the following agents? Yes No

If yes, please check the agent involved:

<input type="checkbox"/> Avian influenza virus (highly pathogenic)	<input type="checkbox"/> Marburg virus
<input type="checkbox"/> <i>Bacillus anthracis</i>	<input type="checkbox"/> Reconstructed 1918 influenza virus
<input type="checkbox"/> Botulinum neurotoxin (in any quantity)	<input type="checkbox"/> Rinderpest virus
<input type="checkbox"/> <i>Burkholderia mallei</i>	<input type="checkbox"/> Toxin-producing strains of <i>Clostridium botulinum</i>
<input type="checkbox"/> <i>Burkholderia pseudomallei</i>	<input type="checkbox"/> Variola major virus
<input type="checkbox"/> Ebola virus	<input type="checkbox"/> Variola minor virus
<input type="checkbox"/> Foot-and-mouth disease virus	<input type="checkbox"/> <i>Yersinia pestis</i>
<input type="checkbox"/> <i>Francisella tularensis</i>	

Do any of your experiments fall into any of the following experimental categories? Yes No

If yes, please 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; and
- Generates or reconstitutes an eradicated or extinct listed agent or toxin.
- Provide other knowledge, products or technologies that could be directly misapplied to pose a threat to public health and safety, agricultural crops and other plants, animals, the environment, or material.

Comment on aspects of your research, if any, with potential for dual use: