Guide to BioRAFT Research Management System

Biological Laboratories with Exempt Protocols

Table of Contents

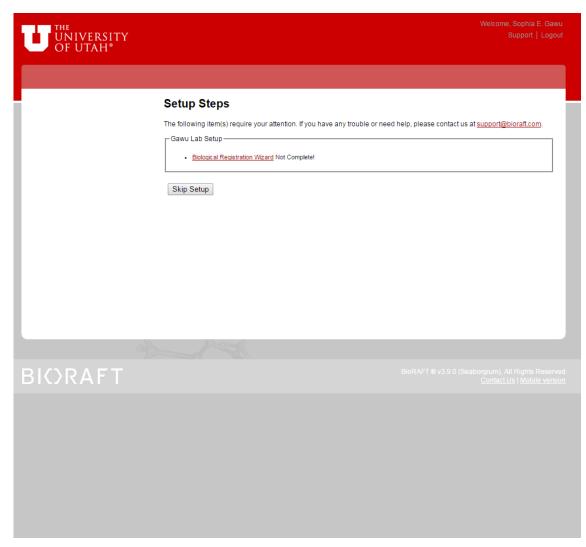
Biological labs with exempt protocols	
Biological Registration Wizard	
Entering Research Projects	5
Completing Biological Surveys	10
Entering Biological Materials	12
Biological Registration Summary	16
Biological Registration Certification	21
Amendments/Editing Registrations	23

Biological labs with exempt protocols

1. Principal Investigators with a Biological lab and/or projects that are exempt from IBC review and approval are required to fill out a general Biological survey. If you are unsure whether your work needs to be registered with the IBC visit http://ehs.utah.edu/research-safety/biosafety/institutional-biosafety-committee-ibc for further information.

Biological Registration Wizard

1. To begin your Biological Registration Wizard, click the 'Biological Registration Wizard' link.



Note if you have already completed the registration wizard (only available the first time) you will see a screen shown on page 23. Follow the instructions for editing the Biological Registration beginning on page 24

An introductory screen will appear. You have the opportunity to delegate a member of the laboratory to complete the registration. Otherwise Click "Continue."



Biological Registration Wizard

Welcome to the Biological Registration Process.

PIs are required to register their usage of biohazardous agents and materials with the Institutional Biosafety Committee

This wizard will guide you through:

- 1. Adding Project Forms

- 2. A series of questions pertinent to your areas of research
 3. Building your "Biological Registration Summary"
 4. Submitting your summary to the Institutional Biosafety Committee (IBC)

Depending on your research this process will take 30 minutes to 2 hours for initial population of your profile. Survey and form data will autosave and you can return at a later time to complete and submit your registration. You will need to update your submissions or add additional forms for future re-registrations, mid-year modifications, or before new research projects begin to ensure your profile is up to date.

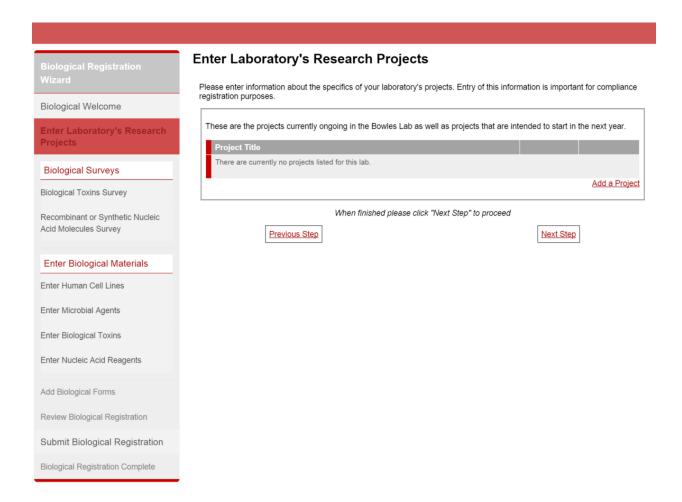
If you would like, you may delegate this process to another member of your lab: Delegate Now

Continue

Entering Research Projects

The first screen of the Biological Summary will appear. You will be prompted to enter some brief information about the research projects in your laboratory

A separate Project Form must be completed for each project conducted in the laboratory. Responses provided in the Project Form may require Specific Area Surveys and may trigger completion of Specific Material Entry.

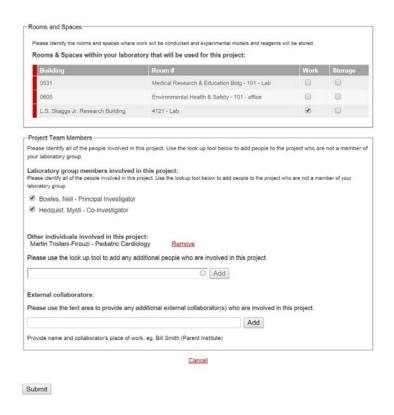


Click on "Add a Project."

This will open a survey. Please complete as appropriate.

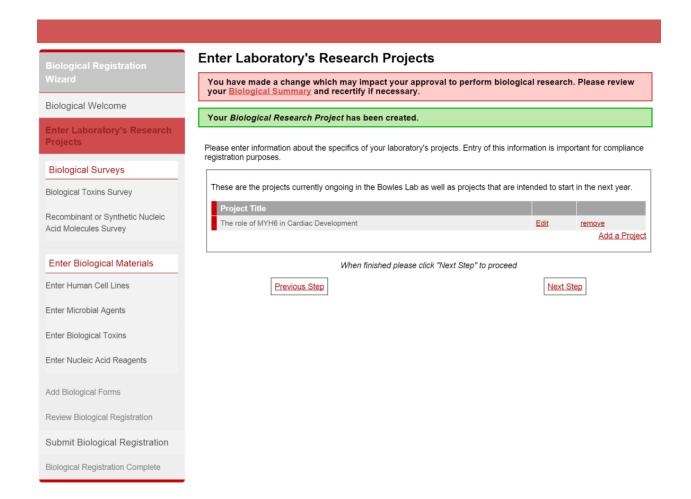
	nit Biological Research Project
	but this project submission, please include enough information on the project so that the Institutional Biosafety be (IBC) can adequately assess biological risk.
Click he	e to view details on IBC purview
roject	Title: *
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	e of MYH6 in Cardiac Development
lease pr	ovide a title for this project.
unding	Sources: *
	al Institutes of Health
nter the	funding sources that support this project's research. E.g. NIH, institution startup
Brief Su	mmary of Project: [Example]
rovid	e a brief non-technical summary of your project so that the reviewers are able to tand the specific aims and goals of the proposed work.
	//
	brief non-technical summary of your project so that the reviewers are able to understand the specific aims and goals of the proposed was pand any acronyms.
lease ex	
lease ex -Projec	pand any acronyms.
Please ex Project Please	aand any acronyms. It Biological Materials & Details—
Please ex Project Please Primate	oand any acronyms. t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project.
Please ex Project Please Primate	and any acronyms. t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. Materials:
Project Please Primate	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. e Materials: Human Body Fluids
Project Please Primate	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. Materials: Human Body Fluids Human Cell Lines
Project Please Primate	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. Materials: Human Body Fluids Human Cell Lines Human Organs
Project Please Primate	and any acronyms. It Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. e Materials: Human Body Fluids Human Cell Lines Human Organs Human Tissues
Primate	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. e Materials: Human Body Fluids Human Cell Lines Human Tissues Non-Human Primate Source Materials
Project Please ex Primate	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. e Materials: Human Body Fluids Human Cell Lines Human Organs Human Primate Source Materials Non-Human Primates rimate Materials:
Please ex-Project Please Primate	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. e Materials: Human Body Fluids Human Cell Lines Human Organs Human Tissues Non-Human Primate Source Materials Non-Human Primates rrimate Materials: Amphibians
Please ex-Project Please Primate	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. e Materials: Human Body Fluids Human Cell Lines Human Organs Human Tissues Non-Human Primate Source Materials Non-Human Primates rimate Materials: Amphibians Arthropods
Project Project Project Project Project Primate	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. e Materials: Human Body Fluids Human Cell Lines Human Organs Human Tissues Non-Human Primate Source Materials Non-Human Primates rimate Materials: Amphibians Arthropods Bloodborne Pathogens
Primate Primat	t Biological Materials & Details select any of the biological materials categories listed below that you plan to utilize for this project. e Materials: Human Body Fluids Human Cell Lines Human Organs Human Tissues Non-Human Primate Source Materials Non-Human Primates rrimate Materials: Amphibians Arthropods

Lab Animals (Non-Prim	
Non-Pathogenic Microo	
Pathogenic Microorgani	isms
Plants 9	
Select Agent Pathogeni	C MADAGO (1974-1974)
ther Biological Source Mat	erials:
Biological Toxins	
Infectious Proteins	
Mutagenic Agents	
Recombinant or Synthe	
Select Agent Biological	Toxins
Viral Vectors	
her Hazards That May Be	Present While Working with Biological Materials:
■ Mixed Waste	
Physical Hazards	
Other Hazards	
dditional Activities:	
Shipping Biological Mat	erials
ual-Use Research of Conc	
lect all that are applicable to this	
	consequences of the agent or toxin
	e effectiveness of an immunization against the agent or toxin without clinical and/or agricultu
justification	5 5
	toxin resistance to clinically and/or agriculturally useful prophylactic or therapeutic interventi r facilitates their ability to evade detection methodologies
	transmissibility, or the ability to disseminate the agent or toxin
	tropism of the agent or toxin
	pility of a host population to the agent or toxin
	ites an eradicated or extinct agent or toxin *
	ents or toxins are any of the following: Avian influenza virus (highly pathogenic), Bacillus anthracis,
larburg virus, Reconstructed 19	118 Influenza virus, Rinderpest virus, Toxin-producing strains of Clostridium botulinum, Variola major sinia pestis.
irus, Variola minor virus, or Yers	
tarburg virus, Reconstructed 19 rus, Variola minor virus, or Yere Description of Experimental Provide details that Investigations involv. genetic alterations to	sinia pestis.
tarburg virus, Reconstructed 19 irus, Variola minor virus, or Yen Description of Experimental Provide details that investigations involv- genetic alterations to deleterious effects or deleterious effects or deleteri	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential f the alterations. Use references and expand acronyms.
larburg virus, Reconstructed 19 rus, Variola minor virus, or Yers Description of Experimental Provide details that investigations involv. genetic alterations ti deleterious effects or rovide details that enable reviewe clude details about genetic altera	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential
larburg virus, Reconstructed 19 rus, Variola minor virus, or Yers Pescription of Experimental Provide details that Investigations involv- genetic alterations to feleterious effects or rovide details that enable reviewe clude details about genetic altera- ferences and expand acronyms. Authorizations and Permits A;	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about to the models used, the purpose of the alterations, any potential f the alterations. Use references and expand acronyms. It is to understand the flow of the experimental investigations involving the biological materials chosen above. Blooms to the models used, the purpose of the alterations, any potential deleterious effects of the alterations. It pullicable to this Project—
arburg virus, Reconstructed 19 rus, Variola minor virus, or Yers escription of Experimental rovide details that rinvestigations involv- tenetic alterations to feleterious effects or rovide details that enable reviewe clude details about genetic altera- ferences and expand acronyms. suthorizations and Permits A; fease include the applicable epending on IBC approval ple	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental sing the biological materials chosen above. Include details about to the models used, the purpose of the alterations, any potential f the alterations. Use references and expand acronyms. The stream of the superimental investigations involving the biological materials chosen above. The stream of the superimental investigations involving the biological materials chosen above. The stream of the superimental investigations involving the biological materials chosen above.
arburg virus, Reconstructed 19 rus, Variola minor virus, or Yers escription of Experimental rovide details that runvestigations involv- tenetic alterations to feleterious effects or rovide details that enable reviewe clude details about genetic altera- ferences and expand acronyms. Suthorizations and Permits A; fease include the applicable epending on IBC approval pl ormas.	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential f the alterations. Use references and expand acronyms. ris to understand the flow of the experimental investigations involving the biological materials chosen above. tions to the models used, the purpose of the alterations, any potential deleterious effects of the alterations. U pplicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending o
larburg virus, Reconstructed 19 rus, Variola minor virus, or Yen Pescription of Experimental Provide details that Investigations involvenetic alternations to feleterious effects or rovide details that enable reviewe clude details about genetic alternations ferences and expand acronyms. Authorizations and Permits A; flease include the applicable epending on IBC approval pl ormnas. ACUC Number:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential f the alterations. Use references and expand acronyms. ris to understand the flow of the experimental investigations involving the biological materials chosen above. tions to the models used, the purpose of the alterations, any potential deleterious effects of the alterations. U pplicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending o
larburg virus, Reconstructed 19 rus, Variola minor virus, or Yen Pescription of Experimental Provide details that Investigations involvenetic alternations to feleterious effects or rovide details that enable reviewe clude details about genetic alternations ferences and expand acronyms. Authorizations and Permits A; flease include the applicable epending on IBC approval pl ormnas. ACUC Number:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential f the alterations. Use references and expand acronyms. ris to understand the flow of the experimental investigations involving the biological materials chosen above. tions to the models used, the purpose of the alterations, any potential deleterious effects of the alterations. U pplicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending o
arburg virus, Reconstructed 19 rus, Variola minor virus, or Yen rescription of Experimental Provide details that investigations involve renetic alternations treleterious effects or rovide details that enable reviewe clude details about genetic alternations references and expand acronyms. Authorizations and Permits Al lease include the applicable apending on IBC approval pl ormas. ACUC Number:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential f the alterations. Use references and expand acronyms. ris to understand the flow of the experimental investigations involving the biological materials chosen above. tions to the models used, the purpose of the alterations, any potential deleterious effects of the alterations. U pplicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending o
larburg virus, Reconstructed 19 rus, Variola minor virus, or Yen Pescription of Experimental Provide details that Investigations involv- genetic alternations to leleterious effects or rovide details that enable reviewe clude details about genetic alternations ferences and expand acronyms. Authorizations and Permits Ar lease include the applicable epending on IBC approval pl ommas. ACUC Number: ACUC Number:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential if the alterations. Use references and expand acronyms. In the interest of the experimental investigations involving the biological materials chosen above. It is to understand the flow of the experimental investigations involving the biological materials chosen above. It is not be models used, the purpose of the alterations, any potential deleterious effects of the alterations to populicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending of ease specify in additional information. Multiple permits of a type should be separated by
arburg virus, Reconstructed 19 rus, Variola minor virus, or Yen escription of Experimental Provide details that the secretary of the secretary	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential f the alterations. Use references and expand acronyms. ris to understand the flow of the experimental investigations involving the biological materials chosen above. tions to the models used, the purpose of the alterations, any potential deleterious effects of the alterations. U pplicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending o
larburg virus, Reconstructed 19 rus, Variola minor virus, or Yen Pescription of Experimental Provide details that the service of the service	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential if the alterations. Use references and expand acronyms. In the interest of the experimental investigations involving the biological materials chosen above. It is to understand the flow of the experimental investigations involving the biological materials chosen above. It is not be models used, the purpose of the alterations, any potential deleterious effects of the alterations to populicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending of ease specify in additional information. Multiple permits of a type should be separated by
tarburg virus, Reconstructed 19 irus, Variola minor virus, or Yen Description of Experimental Provide details that investigations involv- genetic alternations to deleterious effects or voride details that enable reviewe include details about genetic alternations developed details about genetic alternations. Authorizations and Permits Ar lease include the applicable epending on IBC approval pl ommas. ACUC Number: ACUC Number: RB Number:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential if the alterations. Use references and expand acronyms. In the interest of the experimental investigations involving the biological materials chosen above. It is to understand the flow of the experimental investigations involving the biological materials chosen above. It is not be models used, the purpose of the alterations, any potential deleterious effects of the alterations to populicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending of ease specify in additional information. Multiple permits of a type should be separated by
tarburg virus, Reconstructed 19 irus, Variola minor virus, or Yen Description of Experimental Provide details that investigations involv: genetic alternations to deleterious effects or vovide details that enable reviewe chouse details about genetic eleme efferences and expand acronyms. Authorizations and Permits A; Please include the applicable	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential if the alterations. Use references and expand acronyms. In the interest of the experimental investigations involving the biological materials chosen above. It is to understand the flow of the experimental investigations involving the biological materials chosen above. It is not be models used, the purpose of the alterations, any potential deleterious effects of the alterations to populicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending of ease specify in additional information. Multiple permits of a type should be separated by
tarburg virus, Reconstructed 19 irus, Variola minor virus, or Yen Description of Experimental Provide details that investigations involv. genetic alternations to deleterious effects or Provide details that enable reviewe chude details about genetic alternations to deleterious affects or Provide details that enable reviewe enclude details about genetic alternations and Permits Ap Please include the applicable lepending on IBC approval pl ornimas. Authorizations and Permits Ap Please include the applicable lepending on IBC approval pl ornimas. ACUC Number: Additional Information: RB Number: Additional Information:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential if the alterations. Use references and expand acronyms. In the interest of the experimental investigations involving the biological materials chosen above. It is to understand the flow of the experimental investigations involving the biological materials chosen above. It is not be models used, the purpose of the alterations, any potential deleterious effects of the alterations to populicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending of ease specify in additional information. Multiple permits of a type should be separated by
tarburg virus, Reconstructed 19 irus, Variola minor virus, or Yen Description of Experimental Provide details that investigations involv- genetic alternations to deleterious effects or rovide details that enable reviewe cloude details about genetic eler- reviewe deviage and expendence are references and expand acronyms. Authorizations and Permits Al Please include the applicable epending on IBC approval pl orminas. ACUC Number: Additional Information: RB Number: Additional Information:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential if the alterations. Use references and expand acronyms. In the interest of the experimental investigations involving the biological materials chosen above. It is to understand the flow of the experimental investigations involving the biological materials chosen above. It is not be models used, the purpose of the alterations, any potential deleterious effects of the alterations to populicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending of ease specify in additional information. Multiple permits of a type should be separated by
tarburg virus, Reconstructed 19 irus, Variola minor virus, or Yen Description of Experimental Provide details that investigations involv- genetic alternations to deleterious effects or rovide details that enable reviewe cloude details about genetic eler- reviewe deviage and expendence are references and expand acronyms. Authorizations and Permits Al Please include the applicable epending on IBC approval pl orminas. ACUC Number: Additional Information: RB Number: Additional Information:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential if the alterations. Use references and expand acronyms. In the interest of the experimental investigations involving the biological materials chosen above. It is to understand the flow of the experimental investigations involving the biological materials chosen above. It is not be models used, the purpose of the alterations, any potential deleterious effects of the alterations to populicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending of ease specify in additional information. Multiple permits of a type should be separated by
tarburg virus, Reconstructed 19 irus, Variola minor virus, or Yen Description of Experimental Provide details that investigations involv; genetic alternations to deleterious effects or Provide details that enable reviewe chude details about genetic eleve- revide details about genetic eleve- reviewe and expand acronyms. Authorizations and Permits A Please include the applicable lepending on IBC approval pl ommas. ACUC Number: Additional Information: RB Number: Additional Information:	I and Procedural Details: [Example] enable reviewers to understand the flow of the experimental ing the biological materials chosen above. Include details about o the models used, the purpose of the alterations, any potential if the alterations. Use references and expand acronyms. In the interest of the experimental investigations involving the biological materials chosen above. It is to understand the flow of the experimental investigations involving the biological materials chosen above. It is not be models used, the purpose of the alterations, any potential deleterious effects of the alterations to populicable to this Project authorizations or permits involved with this Project. If authorization or permits are pending of ease specify in additional information. Multiple permits of a type should be separated by



In this example we are studying the effects of variants identified in patients on protein function. We will be expressing cDNAs, cloned into plasmids, in human cell lines (293s). The plasmids will be propagated in non-pathogenic E. coli. These boxes have been checked.

Click on "Submit"



Click "Add a Project" to add additional projects or click on "Next Step"

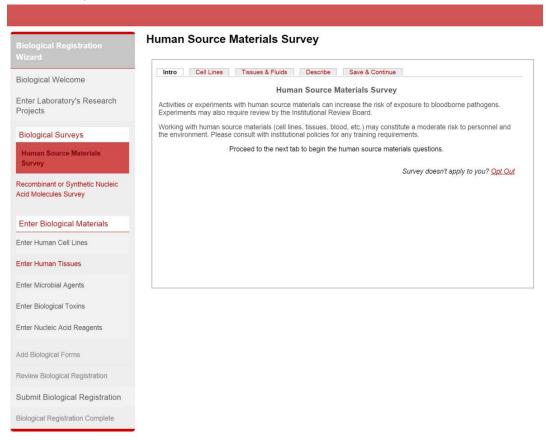
Completing Biological Surveys

This will initiate a series of Surveys, dependent on the answers in the registration.

Potential Surveys that may be triggered:

- Human Source Materials Survey
- Laboratory Animal Cell Lines (Non---Primate) Survey
- Non---Human Primate Source Materials Survey
- Plants Survey
- Microbial Agents Survey
- Biological Toxins Survey
- Recombinant & Synthetic Nucleic Acids Survey
- Research of Concern Survey

Answer the questions under each tab and click "Save"

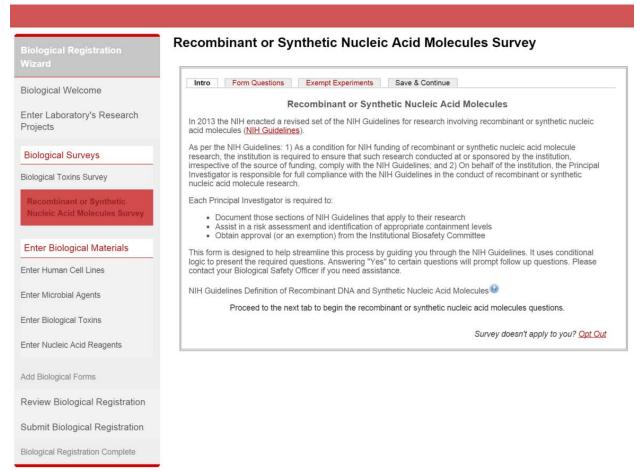


If you believe the survey does not apply, click on "Opt Out."

In this example the next step is the Recombinant or Synthetic Nucleic Acid Molecules Survey, which will confirm whether the work you are doing is exempt under the NIH guidelines. Click on each tab and answer each of the questions.

Under the second tab (Form questions), if you check yes to any of the questions your work is NOT exempt from IBC review.

Under the third tab (Exempt experiments), answer yes to any of the exemptions that apply. If you answer yes to at least one category of exemption then the work is likely exempt from IBC review. Note the expression of genes/cDNAs in a plasmid (non-viral) vector in eukaryotic cells would typically be exempt under Section III-F-8. However, if the plasmid is expressing an oncogene or biological toxin, Q8 should be answered "No."

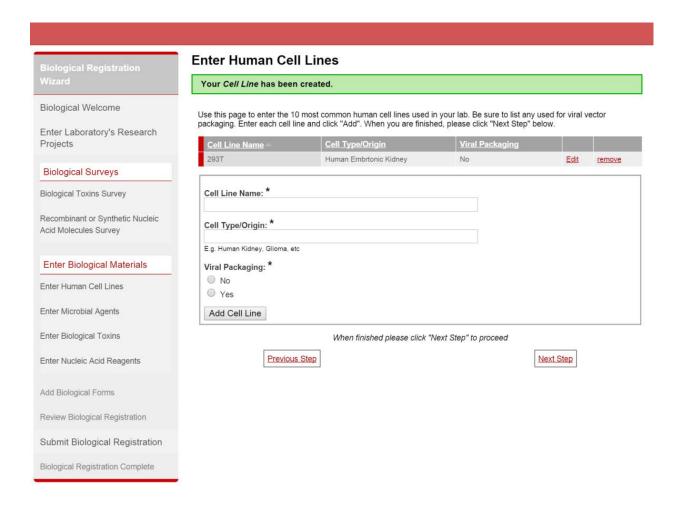


On the last tab, click "Save"

Entering Biological Materials

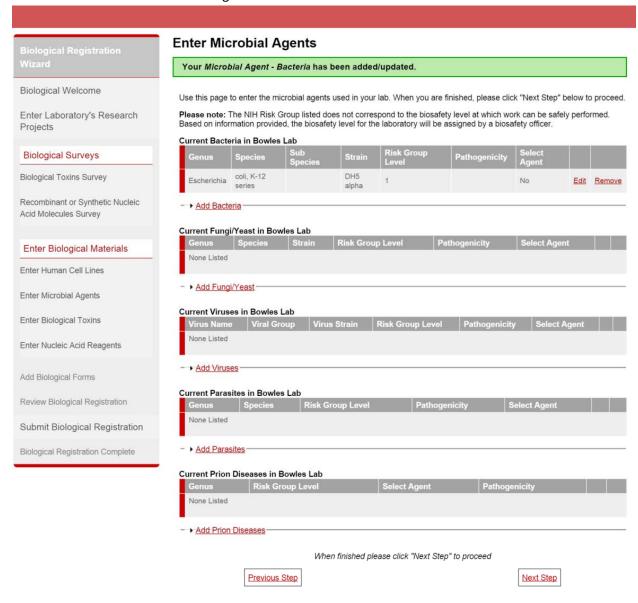
Depending on the earlier responses you will be prompted to answer questions on specific biological materials, including:

- Human Cell Lines
- Human Tissues
- Plants
- Microbial Agents
 - Bacteria, Viruses, Fungi, Parasites
- Biological Toxins
- Nucleic Acid Reagents
 - o Plasmids and Inserts
 - o Recombinant Animals



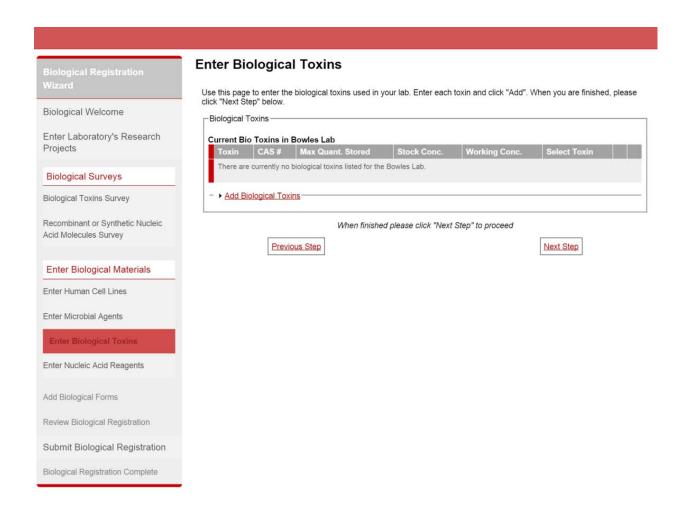
After adding all cell lines, click on "Next Step".

On the next screen add Microbial Agents



In this case we have added DH5-alpha bacteria which we use to propagate plasmids.

Click on "Next Step"



Enter information on Biological Toxins. In this example we are not using any toxins.

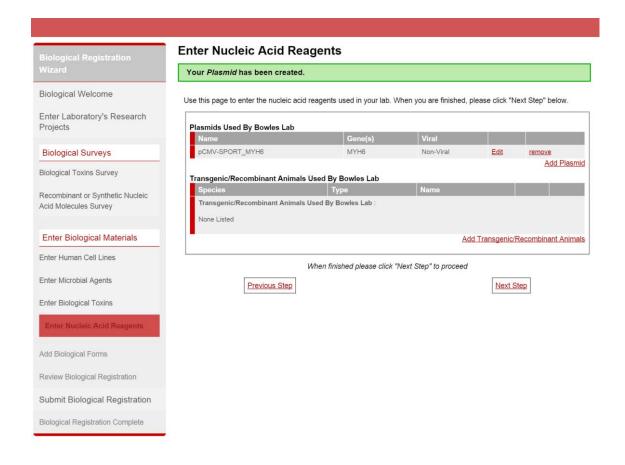
Click on "Next Step"

Add the names of plasmids commonly used in your laboratory by clicking the "Add Plasmid" button. Please note that EHS is not necessarily expecting all plasmids that are used in your lab, just the major ones. However, please include all plasmids that:

- 1) Can replicate in eukaryotic cells, or
- 2) Encode DNA elements that can integrate into DNA, or
- 3) Express an oncogene or biological toxin that is lethal for vertebrates at an LD50 of less than 100ng/kg body weight, or
- 4) Express genes of human pathogens (viruses, bacteria, etc).

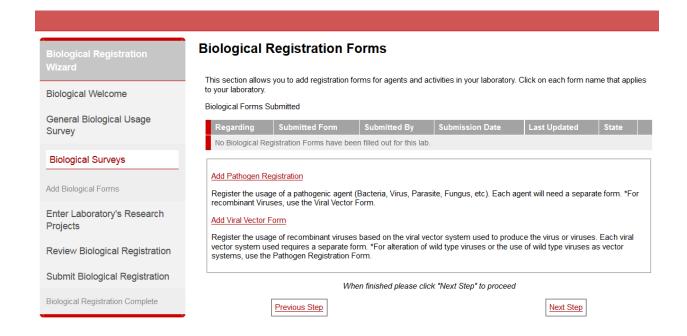
Only add transgenic/recombinant animals if you are creating them in your laboratory (i.e. do not enter commercially purchased animals or generated in the University of Utah Core).

Click "Next Step".



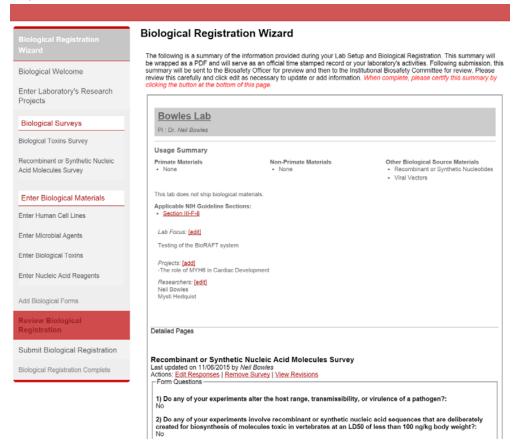
If your registration is exempt from IBC review and you will not need to complete any additional forms or surveys. However, please complete the final few steps of the Registration.

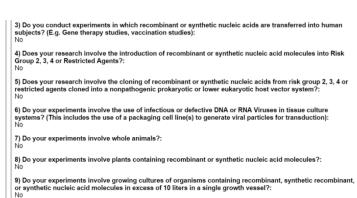
After clicking "Next Step" you should see the page illustrated below. There is no need to add any forms. Click "Next Step".

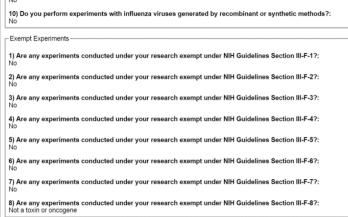


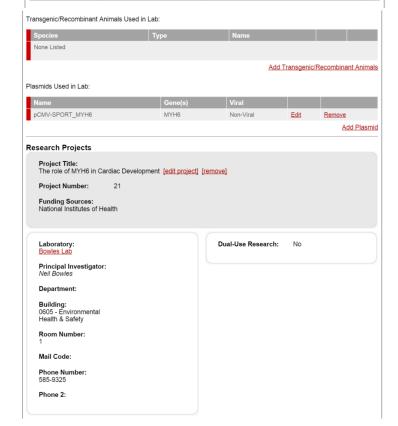
Biological Registration Summary

On the next screen you will see a summary of your Registration. If everything is correct, click "Certify" at the bottom of the screen. If there are errors they can be edited by clicking on the "edit" or "edit responses" buttons











Once you have finished reviewing your summary, click the 'Certify' button at the bottom of the page. Go to page 21.

NOTE: If you are the delegate rather than the PI the button will say "**Notify PI**". It will state "Click below to notify the PI that changes have been made to the Live Biological Survey." Click "**Notify PI**"

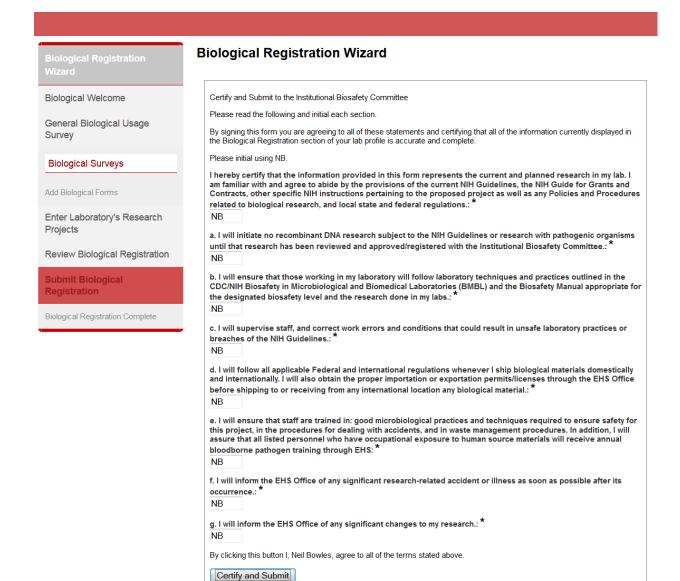
You should receive the message:

Email successfully sent to PI name, view message.

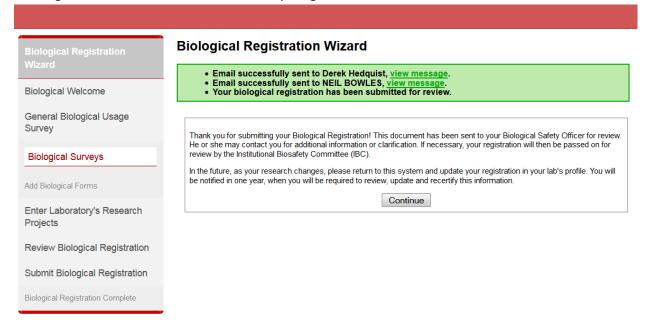
•	PI name has been notified via email that the registration is ready for submission The PI should be prompted to complete the registration as described on the next page.				

Biological Registration Certification

On the next screen you will need to certify that the registration is accurate and complete by typing in your initials in the boxes (you can use "Tab" to jump to the next box). Then click "Certify and Submit".



The Registration is submitted to the Biosafety Program. The screen will show:



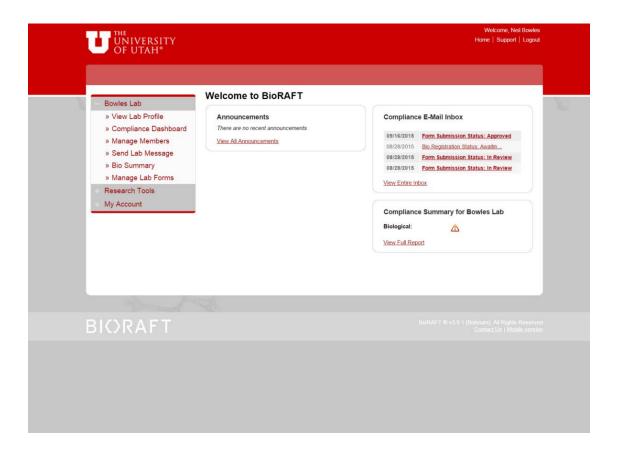
Click on "Continue." This will take you back to BioRAFT Dashboard.

The Biosafety Officers will review your Registration and either contact you for further information or approve your Registration. The Registration will be approved for 5 years.

Amendments/Editing Registrations

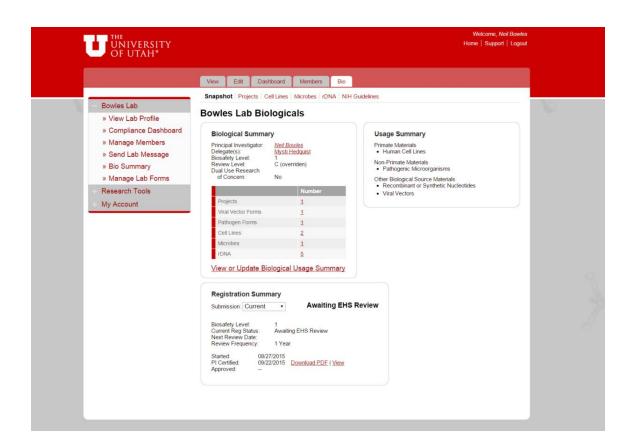
If you need to make an amendment to your registration either because you have made changes to the protocol (e.g. new staff/employees/students, changes in vectors/pathogens, etc) or in response to the IBC review follow the following steps;

Log in to BioRAFT.



To add or remove new personnel, click on "Manage members" and follow the instruction in the General Laboratory Guide.

To make changes to your Biological Registration, Click on "Bio Summary"



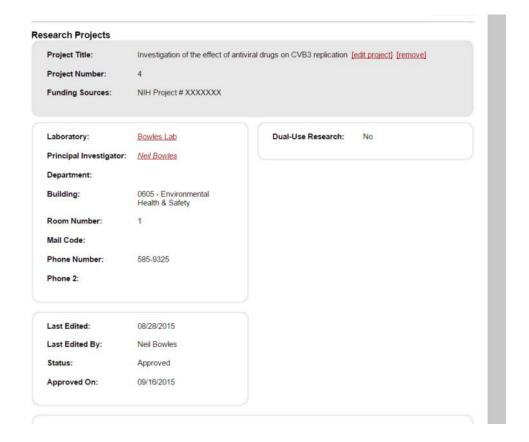
Click on "View or Update Biological Usage Summary"

This will open the Biological Usage summary page.

If there are no additional changes follow the instructions beginning on page 17 to recertify the registration. Note that if the new personnel are using viral vectors or pathogens they will need to be added to the project form as described below.

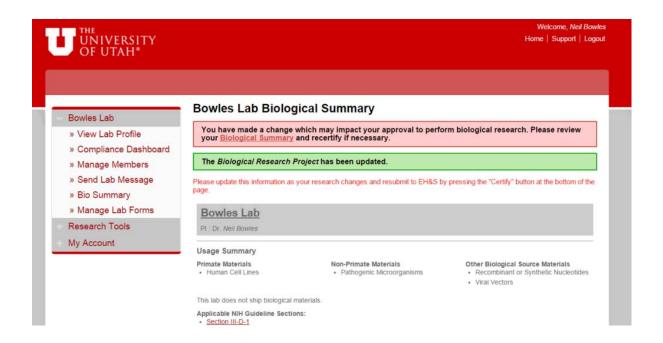
If you need to make an amendment to a form or research project, go to next page.

Editing Projects



Click on the "edit project" button to the right of the project title.

Make the necessary changes and click the "**Submit**" at the bottom of the page. This will take you back to the Biological Summary page.



If there are no additional changes follow the instructions beginning on page 17 to recertify the registration.