

## Research Plan Template

### PHBA Project

#### **Title**

#### **Rationale (Problem)**

A few sentences explaining the global or societal need for this research. Why does anyone care about this research.

#### **Hypothesis/es**

What is being tested.

(Suggestion: If, then format. If something is done, then something will result.)

#### **Procedure**

Sequentially numbered steps that cover the procedure from beginning to end. The steps should be detailed enough for someone else to be able to replicate the study from your steps. This section can be sub-divided by different sections of the procedure such as safety, experimentation, data analysis, disposal, etc..

**Safety:** These steps must be a part of the research plan as well as being on the Form 3. Some examples are:

Aseptic technique, including, but not limited to, goggles, type of gloves, closed toe shoes, working conditions (BSL cabinet, etc).

**Additional Safety Concerns During the Covid 19 Pandemic:**

Make sure to include in your research plan all local Health Department concerns; CDC Guidelines; and the requirements of the facility at which you are working for experimentation which have been implemented in response to COIVD-19. This should include social distancing, face coverings, face shields and any other requirement to insure safe experimentation.

**Experimentation**

These sequential, numbered steps should continue from safety. This must thoroughly cover the entire study. Include a detailed description of all protocols and data collection procedures

**PHBA organism(s) used**

Be sure that you are aware of the source of the samples either through purchase order information or through information provided by your supervising scientist or institution and have this information to provide on Form 6A as necessary)

**Data Analysis:**

Include a description of the techniques or statistical tests that will be employed to analyze the results of the experimentation.

**Disposal**

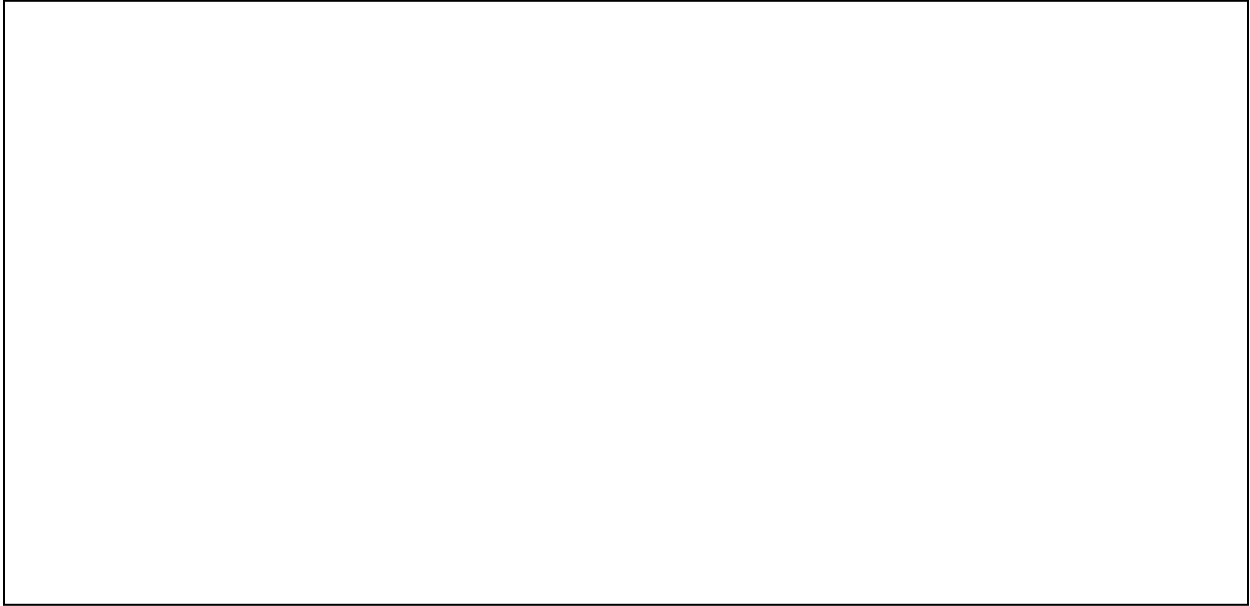
This is necessary for PHBAs, chemicals or materials that require special handling for disposals. Include the manner in which the biohazard materials are disposed of or cleaned for future use. If using the Institutions disposal procedures, reference the technique (such as incineration, etc.).

**Summary or Addendum**

Necessary if experimentation changed through the course of the research. If additional SRC or IRB approval was needed, you must also provide a letter from the SRC, explaining the changes which is signed and dated. If new IRB approval was necessary, the new Form 4 and informed consents must be included with the paperwork.

**Bibliography**

Current journal sources on your topic from your literature review.

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