

Biosafety Protocol Registration Form C - Toxins

Protocol Title:

Principal Investigator (PI)/ Teaching Lab Instructor:

Section 1- Description of Toxin(s) and Quantities

1. Toxin Name (and any common synonyms that are used):

2. Is the toxin a [select agent](#): Yes No

**If yes, contact ISU Environmental Health and Safety Office regarding use of select agent*

3. Toxin Source/Vendor:

4. Toxicity data (LD₅₀, LC₅₀ or LD_{Lo}) (include species and route):

5. Describe any possible routes a researcher may be exposed to the toxin(s):

Section 2 - Location and Security

13. Please select what security type will be used:

- Facility doors are off-master, and the facility is locked to exclude unauthorized personnel.
- Freezer/refrigerator for toxin storage is locked to exclude unauthorized personnel.
- Select toxin is stored in a secured lockbox attached to a permanent or semi-permanent fixture
- Other (please describe):

14. Describe how inventory control of the toxin(s) will be achieved:

15. Is a Chemical Fume Hood or Biosafety Cabinet used for reconstitution or dilution? Yes No

Make/model/serial number:

Location:

Date last certified:

Section 3 - Specific Procedures and Controls

16. Describe procedure controls and minimum PPE when reconstituting toxin(s):

17. Describe procedure controls and minimum PPE when handling stock solutions:

18. Describe procedure controls and minimum PPE when handling dilute toxin solutions:

19. Describe procedure controls and minimum PPE when performing microinjections, electrophysiology, etc.:

20. Describe methods to be used to neutralize the toxin. You must also cite references that validate the methods to neutralize.

21. Do you have a laboratory-specific standard operating procedure for working with the toxin and exposure management? Yes No

**If yes, attach laboratory-specific standard operating procedure.*

Section 4- Risk Assessment Acknowledgement by PI/Instructor - Please initial next to each requirement

_____ PI/instructor will maintain a laboratory-specific [biosafety manual](#)

_____ PI/instructor will maintain a laboratory-specific acute toxin Standard Operating Procedures

_____ PI/instructor is responsible for conducting risk assessment training for all personnel working under this protocol and maintain record that all personnel trained understand risks associated

_____ PI/Instructor assures that the use of the toxin will be conducted in accordance with the BMBL (Biosafety in Microbiological and Biomedical Laboratories) published by the CDC and NIH