Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Juliana Josinsky, Suraj Sharma, and Samantha Tran

Title of Project Maltose-binding Protein (MBP) Fusion Tag Enhances Expression and Solubility of CCDC11 Constructs

To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist:
(All questions must be answered; additional page(s) may be attached.)

1. List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).

   LB powder, Glycerol, Glucose, Ampicillin, HCl, NaCl, EDTA, Tris base, Maltose, IPTG, PMSF, SDS, PAGE running buffer, Amylose, TEV protease, TEMED, APS, Acrylamide, Bis-acrylamide

2. Identify and assess the risks involved in this project.

   All listed chemicals are associated with a low risk of skin and eye irritation, skin burns, respiratory and digestive tract irritation. Listed chemicals have low flammability and reactivity.

3. Describe the safety precautions and procedures that will be used to reduce the risks.

   Appropraite personal protective equipment will be worn at all times including nitrile gloves, protective eyewear, lab coats, long pants, and closed-toe shoes. Proper supervision will be provided at all times.

4. Describe the disposal procedures that will be used (when applicable).

   All chemical and biological waste will be disposed of in designated waste bins and will be routinely collected by the Stony Brook Environmental Health and Safety (EH&S)Department.

5. List the source(s) of safety information.

   www.msds.com
   https://ehs.stonybrook.edu

To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):
I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and will provide direct supervision.

Michael Lake		6/10/19
Designated Supervisor's Printed Name	Signature	Date of Review (mm/dd/yy)
Research Faculty; Stony Brook University		631-632-8550/michael.lake@stonybrook.edu
Position & Institution		Phone or email contact information

Biochemist trained in techniques related to protein structural biology and x-ray crystallography

Experience/Training as relates to the student's area of research