Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Gillian Gold

Title of Project The role of Wnt/β-catenin signaling in angiogenesis and BBB repair in EAE (Multiple Sclerosis)

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).

   Concentrated hydrochloric acid, Phenol/Chloroform/Isoamyl Alcohol, acetic anhydride, paraformaldehyde, triethanolamine, hydrogen peroxide

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

   The use of hazardous chemicals pose health risks. Based on risk assessment, the final biosafety level of this project is 1.

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

   Lab coat, gloves, full length clothes, closed toed shoes, laminar flow hood.

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

   Harmful chemical were disposed of in appropriate containers, sharps were disposed of in sharps containers, and rest of the materials were disposed of in red biological dumpster bins.

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

   Environmental Health & Safety (EH&S)

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.

Sanjid Sharihar	Sanjid Shahriar Digitally signed by Sanjid Shahriar Date: 2019.12.01 15:25:00 -05'00'	06/05/2019
Designated Supervisor's Printed Name	Signature	Date of Review (mm/dd/yy)

Graduate Student, Columbia University Medical Center	ss4747@cumc.columbia.edu
Position & Institution	Phone or email contact information

Has been in the lab multiple years researching EAE as a PhD candidate and has supervised previous high school research student before.

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