

Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Nina Su

Title of Project Identification of Novel Modulators of mTORC2 Activity

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).
Dulbecco's modified eagle medium (DMEM), 1X Penicillin-Streptomycin, 10% Fetal bovine serum (FBS), Tris-HCl Stock Solution (pH 7.5), Triton X-100, Protease, Phosphatase, TBST buffer, HRP- conjugated secondary antibody, Anti-FLAG sepharose, HEPES pH 7.5, MS-grade trypsin
2. Identify and assess the risks involved in this project.
When handling chemicals, appropriate attire will be used. This includes gloves, goggles, aprons, closed-toe shoes, and long pants. Hair will be tied back and no loose clothing will be worn. Hazardous chemicals will be properly disposed of in designated bins. Proper supervision will be provided at all times. All listed chemicals have the risk of skin and eye irritation. Additionally, Anti-FLAG sepharose is a Flammable liquid and vapour and should be kept from sources of ignition. After handling chemicals, hands should be washed thoroughly and eye protection should be worn at all times.
3. Describe the safety precautions and procedures that will be used to reduce the risks.
Safety precautions must be taken when handling chemicals and appropriate protective attire must be worn at all times. This includes, gloves, aprons, closed-toe shoes, and long pants. Long hair should be tied back and no loose clothing will be worn. Hazardous wastes will be properly disposed of in designated bins. Proper supervision will be provided at all time.
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 Memorial Sloan Kettering Cancer Center Environmental Health and Safety Department.
5. List the source(s) of safety information.
www.msds.com
<https://careers.mskcc.org/career-areas/environmental-health-and-safety/>

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.

Christopher Warren

Designated Supervisor's Printed Name


Signature

6/25/19

Date of Review (mm/dd/yy)

Postdoctoral Reseracher MSKCC

warrenc@mskcc.org/212-639-8547

Position & Institution

Phone or email contact information

PhD in Biochemistry, experience with all relevant techniques, mentored multiple students previously

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