

Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Jingyue Zhang

Title of Project Treating Post-HIV Infection Through Molecular Target of HIV TAT and PKC Regulation with Berberine and Curcumin

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.)

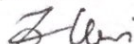
- List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).
 - MTT, HIV-TAT, Curcumin, Berberine, TPA, Trypsin, and DMSO.
 - All of the above mentioned chemicals will be used for cell treatment.
- Identify and assess the risks involved in this project.
 - Exposure to chemicals mentioned in question 1.
 - Should avoid direct skin or other bodily contact with any of the chemicals mentioned.
 - Should avoid inhalation or mis-consumption of these chemicals.
 - Chemicals are able to cause skin, eye, respiratory irritations.
- Describe the safety precautions and procedures that will be used to reduce the risks.
 - Goggles, gloves, and aprons will be used at anytime when handling the chemicals mentioned.
 - Cell treatment using these chemicals will be conducted in a hood to avoid potential spillage.
- Describe the disposal procedures that will be used (when applicable).
 - All chemical wastes will be thrown away in the designated chemical disposal bin.
- List the source(s) of safety information.
 - Sigma-aldrich MSDS.
 - Cayman Chemicals MSDS.

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.

Wei Zhu

Designated Supervisor's Printed Name



Signature

01/27/20

Date of Review (mm/dd/yy)

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Position & Institution

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