

## Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Arpie Bakhshian

Title of Project The Development of a CRISPR/Cas9 System with Nanoblades in Order to Study I

**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).

Sybr safe; PBMCs isolation; Caco2 cell line; 293T cell lines; monocyte derived dendritic cells.

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

Handling of blood could lead to contamination/infection of a pathogen.

Drop of hot liquid when doing an agarose gel.

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

Gloves and lab coat are worn at all times.

The use of tissue culture hoods

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

Biohazard containers for sharps

Blood related disposal was disinfected before disposing of it separately and being autoclaved

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

Environmental health and safety department

**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.

J Magarian Blander

Designated Supervisor's Printed Name

J Magarian Blander

Signature

Digitally signed by J Magarian Blander  
Date: 2019.12.04 23:13:01 -05'00'

6/26/19

Date of Review (mm/dd/yy)

Professor

Position & Institution

646-962-6741

Phone or email contact information

Faculty member/principal investigator in the student's research area.

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