Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Jonah Thomas

Title of Project The Effects of P57KIP2 Down Regulation via Lentiviral shRNA Knockdown of CDKN1C (P57KIP2 Expression Gene) on the Glucocorticoid Dexamethasone's Function in Culture Peripheral-Blood Derived CD34+ Cells

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).

   Human peripheral blood units, 293TN cell line, lentiviral particles

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

   Biological agents may have the potential to cause adverse health events if not safely handled

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

   Proper PPE will be worn at all times, all procedures will be carried out in a biological safety cabinet as necessary, lentiviral particles will only be handled by designated supervisor, student will be instructed in safe use of biological agents

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

   Biological agents will be inactivated with bleach and ethanol

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

   Applicable product MSDS, Northwell Health, New York Blood Center

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.

Ryan Ashley	Ryan Ashley	4/28/19
Designated Supervisor's Printed Name	Signature	Date of Review (mm/dd/yy)

MD-PhD Student	rashley1@northwell.edu
Position & Institution	Phone or email contact information

Doctoral student in the lab of Lionel Blanc

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