Regulated Research Institutional/Industrial Setting Form (1C)

This form must be completed AFTER experimentation by the adult supervising the student research conducted in a regulated research institution, industrial setting or any work site other than home, school or field.

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 Supervising Adult in the Setting (NOT the Student(s)) after experimentation:
(Responses must be on the form as it is required to be displayed at student's project booth; please do not print double-sided.)

The student(s) conducted research at my work site:

1. Did you or your proxy (e.g. graduate student, postdoc, employee) mentor or provide substantial guidance to the student researcher? ☑ Yes ☐ No
   a. If no, describe your and/or your institution's role with the student researcher and his/her project (e.g. supervised use of equipment on site without ongoing mentorship and sign below.

   b. If yes, complete questions 2 –5.

2. Is the student's research project a subset of your ongoing research or work? Use questions 3, 4 and 5 to detail how the student's project was similar and/or different from ongoing research or work at your site. ☑ Yes ☐ No

3. Describe the independence and creativity with which the student:
   a. developed the hypotheses or engineering goals for the research project

      Student chose topic of investigation and developed hypothesis

   b. designed the methodology for his/her research project

      Methodology was based on lab protocols but the student designed this particular experiment

   c. analyzed and interpreted data

      Student independently collected data and interpreted results with guidance of advisor

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4. Detail the student's role in conducting the research (e.g. data collection, specific procedures performed). Differentiate what the student observed and what the student actually did.

Student observed the production and purification of lentiviral particles for safety. Student assisted in isolation and purification of human peripheral blood CD34+ cells. Student cultured human peripheral blood CD34+ cells and collected data assaying their growth under varying conditions. Student prepared cell samples for flow cytometry. Student was assisted in performing flow cytometry and analyzing resulting data. Student assisted in isolating DNA and performing QPCR studies.

5. Did the student(s) work on the project as part of a group? ☐ Yes ☐ No
If yes, how many individuals were in the group and who were they (e.g. high school students, graduate students, faculty, professional researchers)?

Jonah Thomas - Student
Ryan Ashley - Doctoral Student
Lionel Blanc - Principle Investigator

I attest that the student has conducted the work as indicated above and that any required review and approval by institutional regulatory board (IRB/IACUC/IBC) has been obtained. Copies are attached if applicable.
I further acknowledge that the student will be presenting this work publicly in competition and I have communicated with the student research regarding any requirements for my review and/or restrictions of what is publicized.

Ryan Ashley	Ryan Ashley	Doctoral Student
Supervising Adult's Printed Name	Signature	Title
Feinstein Institutes for Medical Research		01/02/20
Institution		Date Signed (must be after experimentation) (mm/dd/yy)
350 Community Drive, Manhasset, NY		rashley1@gmail.com
Address		Email/Phone