

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) Matthew Friedman

Title of Project Optimization of Murine Organoids in Modeling Prostate Cancer Through Infection With Adenovirus Containing Cre

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

The student developed his project's hypothesis on his own based on substantial background research of the topic.

b. designed the methodology for his/her research project

The student was active in the development of his project's methods. He was able to use background research and my lab's previous work to follow a set of procedures.

c. analyzed and interpreted data

The student first interpreted collected data with a research tech, but he did all analysis on his own.

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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.

A research tech helped the student complete the procedures for the first series of organoids. He was supervised while working on the second series of organoids, but he went through the procedures with minimal help. He generated and infected organoids, passaged them, stained them for immunofluorescence, and conducted a western blot on them.

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)?

The student worked with four other people while conducting his project. There were two research techs and two undergrads in the lab.

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.

Dawid Nowak

Supervising Adult's Printed Name

Weill Cornell Medicine

Institution

413 E 69th St, New York, NY 10021

Address

Signature

Dawid Nowak

Assistant Professor

Title

8/25/19

Date Signed (must be after experimentation) (mm/dd/yy)

dgn2001@med.cornell.edu

Email/Phone