

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) Mary Sotiryadis

Title of Project Bloodborne thrombin promotes the death of murine lymph node fibroblastic reticular 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? ☒ Yes ☐ No
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.

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

We discussed the background and potential hypotheses to be tested, Mary read and thought independently and then decided which hypothesis to test.

- b. designed the methodology for his/her research project

We taught Mary the general skills that she needed, and she took it from there and did most of the experimental design herself. She had a firm grasp on what she wanted to test and was creative in experimental design.

- c. analyzed and interpreted data

Mary performed the initial data analysis and interpretation and then discussed it with me to refine things. She was very accurate in her analysis and astute in her interpretation.

(Continued on next page)

Regulated Research Institutional/Industrial Setting Form (1C) Continued

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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.

Mary performed nearly all aspects of her experiments for her research project. She successfully cultured primary fibroblasts from murine lymph nodes (lymph nodes were procured by a postdoc in my lab as part of his experiment), fed and passaged them as needed, added the pertinent test reagents to the cultures to test their effects on the cells, and then photographed the cells to document their morphology and did crystal violet assays to quantify cell density. She then analyzed the data and made graphs from her data. She did all these things in a reliable and reproducible manner, never once contaminating her cell cultures.

5. Did the student(s) work on the project as part of a group?
If yes, how many individuals were in the group and who were they (e.g. high school students, graduate students, faculty, professional researchers)?

☐ Yes ☒ No

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.

Theresa Lu, MD, PhD

Supervising Adult's Printed Name

Signature

Hosp Special Surgery Research Institute/Weill Cornell Medical

Institution

535 East 70th Street, New York, NY 10021

Address

Professor

Title

1/15/20

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

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