

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) Joelle Siong Sin

Title of Project Understanding the role of microbes in the pathogenesis of intestinal tumor development.

To be completed by the Supervising Adult in the Setting (NOT the Student(s)) after experimentation:

(Responses must remain on the form as it is required to be displayed at student's project booth.)

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 her/her research project

Although Joelle was assigned her project, she quickly developed it in an independent manner by evaluating the results of her own work and developing

b. designed the methodology for his/her research project *new hypotheses based on her findings*

Joelle developed the methodology of her experiments and learned how to determine whether a given experiment was successful. After being

c. analyzed and interpreted data *trained on a given technique she quickly carried out*

After learning how to interpret the results of her experiments, she independently

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.

The student performed the procedure of immunohistochemistry on mouse intestinal tissues, analyzed the results and determined appropriate next steps.

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)?

Yes, 1 graduate student and the principal 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.

David Montrose, PhD

Supervising Adult's Printed Name

Signature

Assistant Professor / Lab Head

Title

Stony Brook University

Institution

101 Nicolls Rd, Stony Brook, NY, 11794

Address

11/11/19
Date Signed (must be after experimentation)

David.montrose@stonybrookmedicine.edu

Email/Phone