

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) Lauren Kitts

Title of Project The Effect of Diet on Immune Cells in Humanized Gnotobiotic Mice...

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

Lauren made significant input in designing the project, from determining the scope of the project to developing a hypothesis based on prior research done in the lab.

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

Methodology was largely taken from previous work done in the lab but Lauren showed creativity in adapting the methodology as necessary to fit the goals of her project.

- c. analyzed and interpreted data

Lauren largely analyzed and interpreted the data on her own after a brief demonstration of how to approach the data and use the software. Graphical representation of the data and conclusions drawn were her own work.

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Student's Name(s) _____

Lauren Kitts

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.

Lauren participated in isolating immune cells from mouse intestinal tissue and staining the isolated cells for flow cytometry. She observed the use of the flow cytometer and analyzed the data collected using the flow cytometry analysis software package flowjo. She then took the processed flow cytometry data to explore and visualize the results and to perform statistical analyses.

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)?

Lauren worked mainly with an experienced research technician and a senior postdoctoral fellow

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.

Jeremiah Faith

Supervising Adult's Printed Name

Signature

Assistant Professor

Title

Icahn School of Medicine at Mount Sinai

Institution

8/30/2019

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

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