

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) Emily Awad

Title of Project Effect of Extracellular Vesicles on Caco-2 Cell

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 provider 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 the hypothesis under the guidance of the mentor

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

The student designed the methods used in this project under the guidance of the mentor

- c. analyzed and interpreted data

The student analyzed and interpreted the data independently

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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.

The student prepared cell culture media for the project. She maintain the Caco-2 cells used in this project. In the cell differentiation experiments, she seeded the cells onto the transwell plate and performed the treatment as indicated in the study report. She performed the transepithelial electrical resistance (TEER) measurement. She collected the TEER measurements data. She organized analyzed the data.

☒ Yes ☐ No

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)?

The project the student worked on is a part of the larger project of a group of 4 professional researchers.

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.

Xinhua Lin

Supervising Adult's Printed Name

NYU Long Island School of Medicine

Institution

259 First Street Mineola, NY 11501

Address


Signature

Assistant Professor

Title

11/12/2019
Date Signed (must be after experi-
mentation) (mm/dd/yy)

Email/Phone