

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) James Zheng

Title of Project Microbiome Composition and Environmental pH Modulate the Behavioral Effects of SSRIs in Larval Zebrafish (Danio rerio)

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 overall goals were predetermined before the student started his project.

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

The specific methodology had never been done in this lab before and required a large amount of work and effort on the student's part in developing and implementing these new methods in our lab.

- c. analyzed and interpreted data

The student processed all of the data and played a large role in contextualizing the results by searching through published literature and participating in group discussions on interpretations.

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Student's Name(s) **James Zheng**

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.

While there was a high degree of supervision, the student carried out the entire experiment largely on his own. The student prepared and carried out multiple factorial experiments, collected all the data, and completed preliminary analyses.

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.

Irvin Huang

Supervising Adult's Printed Name

Signature

Stony Brook University

Institution

100 Nicolls Road, Stony Brook, NY, 11794

Address

Doctoral Candidate

Title

09/08/19

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

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