

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) Benjamin Goldfried

Title of Project Enhanced Cholinergic Interneuron Striatal Density Demonstrated in a SAPAP3 Knockou

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

Through conversations with me and graduate students in the lab Ben developed a hypothesis about specific brain circuit components that may altered in a mouse model of OCD, and strategies to test this anatomically.

b. designed the methodology for his/her research project

Ben designed the methodology and analysis strategy through collaboration with a graduate student in the lab and by reading original research articles.

c. analyzed and interpreted data

All mouse tissue was isolated by a graduate student in the lab. Ben designed anatomical testing methodologies and analysis strategies in collaboration with a grad student and performed analyses independently.

(Continued on next page)

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

Student's Name(s) Benjamin Goldfried

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.

All work involving handling and isolating tissue from mice was performed by a graduate student in the lab. Ben performed experiments processing fixed tissue, optimized analysis strategies, and performed analysis and image processing independently. Ben also organized and interpreted data.

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

Ben worked closely with a MD/PhD grad student in the lab, and was part of a larger team that consisted of myself, 3 graduate students and a 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.

Joshua Plotkin

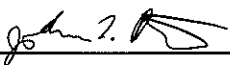
Supervising Adult's Printed Name

Stony Brook University

Institution

CMM Building, room 536, Stony Brook, NY 11794

Address


Signature

Assistant Professor

Title

01/21/20

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

joshua.plotkin@stonybrook.edu

Email/Phone