

## 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) Mikaela Milch

Title of Project Exploring parent-of-origin effects on contextual and cued associative learning in Type III I Neuregulin 1 transmembrane domain mutant 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

Mikaela created the general question for the research project.

b. designed the methodology for his/her research project

Mikaela provided specifics on how to assess the general question, and I suggested time constraints for her research. She utilized a procedural design that was based on a prior publication from the lab.

c. analyzed and interpreted data

Mikaela performed all initial analyses and re-analyses after discussing the best statistical methods to use on these data sets with me and Dr. Wilking (a senior post-doc). Mikaela wrote the entire draft of her discussion independently. Dr. Wilking and I then provided suggestions of areas to expand on consider when finishing the discussion.

(Continued on next page)

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

Student's Name(s) Mikaela Milch

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.  
Mikaela performed all aspects of the research herself, except for breeding the cohorts of mice used. I did this part in order to keep her blinded in terms of genotype until after all data was collected.

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)?

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.

Dr. David Talmage  
Supervising Adult's Printed Name

David Talmage  
Signature

Professor Emeritus  
Title

Stony Brook University  
Institution

12/16/2019  
Date Signed (must be after experimentation) (mm/dd/yy)

Centers for Molecular Medicine, Stony Brook, NY 11790  
Address

david.talmage@stonybrook.edu (631) 632-8929  
Email/Phone