

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) Alexis Krayevsky

Title of Project Stimulating Innate Immunity via TLR9 agonist CpG ODN in a Non-Human Primate Model

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
- Prior to completing her research, Alexis read over 300 hundred journal articles and visited NYU to learn staining techniques from graduate and undergraduate students. After becoming proficient in staining Alexis and looked at my existing project and came up with possible ideas.**

b. designed the methodology for his/her research project

After implementing existing procedures for staining and having many staining not work as expected, together with undergraduate students, Alexis revised the protocols. Once the procedures were optimized, she selected which staining markers would be included in her research.

c. analyzed and interpreted data

Alexis analyzed all her data in PRISM herself and then compared it with PhD students for accuracy. I then reviewed and went over her data with her.

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Student's Name(s) Alexis Krayevsky

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.

Prior to experimentation Alexis observed all staining procedures and learned how to use all the lab equipment. After observing and practicing for a month, she was able to complete all procedure herself such as creating buffers, creating primary and secondary antibodies. She was also able to complete the staining reaction herself which involved either DAB or potassium ferrocyanide. She was able to then analyze the slides she stained herself under the microscope and complete semi-quantitative analysis and create graphs.

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

She worked with me and one undergraduate student.

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.

Henrieta Scholtzova

Supervising Adult's Printed Name

NYU School of Medicine, Department of Neurology

Institution

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Address

Henrieta Scholtzova

Signature

Digitally signed by Henrieta Scholtzova
Date: 2020.01.25 17:57:32 -05'00'

Associate Professor (Research)

Title

1/10/20

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

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