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) Elena Grajales

Title of Project Investigating the Role of Neuronal Pentraxin 2 (NPTX2) in the Progression of Parkinsons's Disease

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

      Though her mentor gave Elena direction on how to proceed, Elena gave very insightful contributions to the research question.

   b. designed the methodology for his/her research project

      Methodology was suggested by her mentor but after finding that NPTX2 may have been decreased in Parkinson's disease, Elena had the astute idea that NPTX2 may have been associated with dementia in the Parkinson's patients and therefore led her to search for the patient records.

   c. analyzed and interpreted data

      Data analysis was completed by Elena but conclusions were drawn through discussions between Elena and her mentors.

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

Student's Name(s) Elena Grajales

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.

After receiving proper training on how to conduct the Western Blot, Elena performed the majority of the data collection as well as data analysis. Tissue dissection and preparation was completed by a qualifies scientist due to lack of proper qualificaitions by the student.

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.

Khalil Saadipour — Supervising Adult's Printed Name
Signature
Senior Scientist — Title
New York University School of Medicine — Institution
12/5/2019 — Date Signed (must be after experimentation) (mm/dd/yy)
540 First Ave, New York, NY, 10016, USA — Address
khalil.saadipour@nyumc.org — Email/Phone 646 2041205