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.

Stı	uder	nt's Name(s)	Suhana Singh					_	
Tit	tle of Project		Generation Project: Prenatal Autoimmune Risk Factors in the Mother with Brain-reactive Antibodies for Neonate Outcome						
			the Supervising Adult in the Setting (NOT the Student(s)) after experiment the form as it is required to be displayed at student's project booth; please do not put			e-sideo	d.)		
The	Dic	d you or your pr ostantial guidan If no, describe	ted research at my work site: oxy (e.g. graduate student, postdoc, employee) mentor or provide ce to the student researcher? your and/or your institution's role with the student researcher and t (e.g. supervised use of equipment on site without ongoing mentorship v.	Ø	Yes		No		
	b.	If yes, complet	re questions 2 – 5.						
2.	Use	e questions 3, 4	search project a subset of your ongoing research or work? and 5 to detail how the student's project was similar and/or oing research or work at your site.	Ø	Yes		No		
3.	Des	developed the The idea for this project fields of genetics and ne We discussed several p it focuses on Autism/Au we decided to ook at th outcome. The hypothes	vendence and creativity with which the student: hypotheses or engineering goals for the research project was conceived during my discussion with Suhana. She was interested in the suroscience and expressed her desire to pursue a research project in this area. ossible projects. Once I mentioned the Generation Project-ECHO and the fact that tism spectrum, it was clear that this was what she wanted to work on. In this study e effect of presence of autoimmunity and the role of maternal anti-brain antibodies on neonatal is of this project is that there is a relationship between maternal autoreactivity and a inference, birth weight, and prematurity of the offsprings.						
	b.	Although Suhana of collection, she was allow for SPSS da She was also invo While performing to	nethodology for his/her research project was not involved in the original data s involved in data coding and grouping to ta analysis and the actual analysis of the data. lived in data cleaning by looking for outliers and data entry errors. hese tasks, she showed an impressive work tention to detail, as well as an ability to olex tasks.						
	C.	We reviewed statistic research question. We sample size and statis difference between th clinical significance. S Science Research an	nterpreted data al tests required to address the e also went over the importance of the stical significance as well as the e statistical significance and the uhana previously took Advanced d AP statistics classes and was already se topics, which was extremely helpful task.						

(Continued on next page)

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

Student's Name(s)	Suhana Singh

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.

Although Suhana was not involved in the original data collection, she was involved in data coding and grouping to allow for SPSS data analysis. She was also involved in data cleaning by looking for outliers and data entry errors. Her major roles included data cleaning, coding, and analysis. She also participated in scientific presentations, and prepared and presented her poster during Feinstein summer interns poster session. While performing these tasks, she showed an impressive work ethic and strong attention to detail, as well as an ability to work through complex tasks.

We reviewed statistical tests required to address the research question. We also went over the importance of the sample size and statistical significance as well as the difference between the statistical significance and the clinical significance. Suhana previously took Advanced Science Research and AP statistics classes and was already knowledgeable in these topics, which was extremely helpful when performing this task.

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)?

Although this particular project was not part of the group, Suhana was interacting with other scientists and trainees in our institution. My group is part of Pediatric Human Genetics and Robert S. Boas Center for Genomics and Human Genetics at the Feinstein Institutes for Medical Research. The center consists of over 30 individuals (scientists, clinical coordinators, laboratory technicians, and trainees, including medical school students, residents and post-doctoral fellows). My team consists of 4 clinical research coordinators and 1 research nurse. Suhana was able to interact with the entire team and observed follow-up surveying process.

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. Dorota Gruber Assistant Professor in the Departments of Pediatrics and Cardiology Supervising Adult's Printed Name Title Feinstein Institutes for Medical Research 1/25/2020 Institution Date Signed (must be after experimentation) (mm/dd/yy) 350 Community Drive, Suite 1130 Manhasset, NY 11030 dgrube1@northwell.edu Address Email/Phone

☐ Yes

☑ No.