

## 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) Sari Strizik

Title of Project Neuronal HMGB1 Facilitates the Inflammatory Response via Increased Release of Proinflammatory Cytokines

### 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  
We assigned Sari a project based on her previous experience and the leftover tissue we had available in the lab due to the ongoing research at the time.
  - b. designed the methodology for his/her research project  
Sari prepared mouse tissue for Western Blots, which she used to determine HMGB1 levels. She also conducted multiple ELISAs to test these levels.
  - c. analyzed and interpreted data  
Sari was able to analyze her data independently and interpret her results under our guidance.

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**Continued**

Student's Name(s) Sari Strizik

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.

Sari returned to our lab at the Feinstein Institute for Medical Research for her second summer in 2019. She came with great energy, which never dissipated. Since this was Sari's second summer with our lab, we were able to introduce her to more advanced techniques, such as Western Blotting, since she was already familiar with the simpler protocols, such as ELISAs.

Sari's unique zeal is contagious, and it made working with her on a daily basis enjoyable and uplifting. This was also apparent in her interactions with the other lab members and students, with whom Sari was able to get along with easily. She demonstrated charisma, dedication, and exceptional problem-solving abilities throughout the summer and continuously sought to further improve her methodologic and presentation skills.

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

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.

Huan Yang

Supervising Adult's Printed Name

Signature

*Huan Yang*

Associate Professor

Title

The Feinstein Institute for Medical Research

Institution

1/22/2020

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

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