

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) Ronit Dhulia

Title of Project Identification of the Cyclin Responsible for the Activation of Cancer Dependency CDK11

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
Ronit contributed to the development of the hypothesis that we sought to investigate. In particular, after the first competition experiments yielded negative results, he brainstormed about how best to proceed.
 - b. designed the methodology for his/her research project
Ronit designed and conducted the competition assays that were used.
 - c. analyzed and interpreted data
Ronit analyzed and interpreted the data that he generated.

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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.

Ronit performed all of the experiments described in his project. He generated the CRISPR constructs, cloned the plasmids, introduced them into cells, and then conducted the competition experiments. He also performed the western blot analysis on the resulting populations. He analyzed all of the data that resulted from his experiments.

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.

Jason Sheltzer

Supervising Adult's Printed Name

Cold Spring Harbor Laboratory

Institution

1 Bungtown Road, Cold Spring Harbor NY 11724

Address


Signature

Fellow

Title

1/27/20

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

sheltzer@cshl.edu

Email/Phone