

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) Tristan Tran

Title of Project Examining the Paracrine Effects of Adipose-Derived Mesenchymal Stem Cells in a Bovine Model of Osteoarthritis

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

Our lab has an ongoing interest in stem cell biology. This project is a subset of our main focus into the mechanism of action of stem cells. Tristan worked independently and developed the hypothesis following our weekly lab meetings.

- b. designed the methodology for his/her research project

The student first learned the techniques of tissue culture and qRT-PCR prior to starting the project. He then applied the techniques to develop the methods used to answer the research question.

- c. analyzed and interpreted data

Tristan did all of the data analysis and interpretation independently.

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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.

The student did the entire project independently once he was trained on the procedures to be used. These include tissue culture, quantitative reverse transcriptase, polymerase chain reaction (qRT-PCR), microscopy and statistics. He performed all aspects of the study independently.

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.

Daniel A. Grande, PhD

Supervising Adult's Printed Name

Signature

The Feinstein Institute for Medical Research

Institution

350 Community Drive, Manhasset, NY 11030

Address

Professor/AVP, Research Services

Title

11/01/2019

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

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