Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Ethan Chetkof

Title of Project **Mitochondrial Transfer from Mesenchymal Progenitor Cells to Macrophages**

To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist:
(All questions must be answered; additional page(s) may be attached.)

1. List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).

   See attached

2. Identify and assess the risks involved in this project.

   See attached

3. Describe the safety precautions and procedures that will be used to reduce the risks.

   See attached

4. Describe the disposal procedures that will be used (when applicable).

   See attached

5. List the source(s) of safety information.

   See attached

To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):
I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and will provide direct supervision.

Jodi Evans	Jodi Evans	06/10/19
Designated Supervisor's Printed Name	Signature	Date of Review (mm/dd/yy)

Professor/Molloy College	(516) 323-3406/jevans@molloy.edu
Position & Institution	Phone or email contact information

More than 20 years of experience in basic science and biomedical research.

Experience/Training as relates to the student's area of research

Ethan Chetkof
Form 3 responses

1. MitoTracker, Hoechst dye, VCAM1 primary antibody, blocking solution, culture mediums, cell fixative.

2. Throughout the project, it is possible that the researcher will be subjected to some potentially dangerous chemicals if they are ingested, or simply not properly handled. With that said, risk is extremely limited.

3. Protective gloves, lab coats, goggles will be worn when handling chemicals

4. Equipment which came into contact with biological material (pipet tips, culture dishes) will be disposed of in a biohazard disposal bin which was separate from the normal trash. Chemicals will be disposed of according to university Environmental health and safety guidelines.

5. MSDS and consultation with mentor, safety training on using eye wash and cleaning spills