

Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Elizabeth Chun

Title of Project Assessing the Effect of Resveratrol on Presenilin Drosophila melanogaster

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).

Paraformaldehyde - moderately toxic by skin contact (probable human carcinogen, may cause itch/rash, long-term exposure may cause reproductive/mutagenic problems); irritates nose and throat when inhaled (may cause lung damage); may react violently with strong oxidizing agents, ammonia, strong alkalis, isocyanates, paracids, anhydrides, and inorganic acids; vapors emitted are flammable.

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

Exposure to paraformaldehyde may occur while making fixative solution or while performing brain dissections in fixative solution.

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

Fixative will be made in the chemical fume hood and gloves will be worn both while making fixative and while performing dissections.

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

Paraformaldehyde bottles will be disposed of in the closed paraformaldehyde waste container which is located in the chemical fume hood.


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

Taught by mentor, Dr. Frances Hannan

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.

Frances Hannan
Designated Supervisor's Printed Name


Signature

6/12/19
Date of Review (mm/dd/yy)

Assistant Professor, New York Medical College
Position & Institution

frances_hannan@nymc.edu
Phone or email contact information

Over 20 years in Drosophila neurobiology research
Experience/Training as relates to the student's area of research