

## Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Hailey Edelman

Title of Project Exploring the Role of Cannabidiol in a Caenorhabditis elegans Epilepsy Model

**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).

OP50 E. coli, Methotrexate, Cannabidiol, ZM241385, Pentylentetrazole, Etanercept

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

Methotrexate: may damage fertility or unborn child

Pentylentetrazole, ZM241385, Etanercept, OP50 E. coli: toxic if swallowed, causes skin irritation and eye irritation

Cannabidiol: over the counter herbal supplement (no risks)

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

Methotrexate solutions will be prepared and handled by Qualified Scientist.

Cannabidiol Pentylentetrazole, ZM241385, Etanercept, OP50 E. coli: Handle with the use of eye, skin, and face protection

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

Excess chemicals will be given to institutional laboratory technician who will dispose of in accordance with institutional policy.

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

Sigma Aldrich SDS forms, AMGEN SDS forms

**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.

Mary Hendrickson, PhD

Designated Supervisor's Printed Name

M. Hendrickson

Signature

01/14/19

Date of Review (mm/dd/yy)

Research Teacher Syosset High School

Position & Institution

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Phone or email contact information

14 years laboratory research experience in biological sciences

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