

## Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Rebecca Zhang

Title of Project Genetic Variation for Sexual Dimorphism in 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).  
95% ethanol will be used for storage and disposal of the fruit flies.
2. Identify and assess the risks involved in this project.  
Ethanol is dangerous in consumption, and can cause nausea, vomiting, and dizziness. Inhalation of or skin contact with ethanol vapors can cause irritation. Ethanol is also a highly flammable liquid, and should be kept away from open flames.
3. Describe the safety precautions and procedures that will be used to reduce the risks.  
Ethanol will not be consumed and food products will not be placed near ethanol. Ethanol will not be kept near sources of flames. The container of ethanol will not be left open to the air and only opened for storage and disposal of fruit flies.
4. Describe the disposal procedures that will be used (when applicable).  
Ethanol should be stored in closed containers and disposed of as hazardous waste in the appropriate waste container.
5. List the source(s) of safety information.  
FDA, CDC, ACS

**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.

John True



02/04/19

Designated Supervisor's Printed Name

Signature

Date of Review (mm/dd/yy)

Associate Professor, Stony Brook University

john.true@stonybrook.edu

Position & Institution

Phone or email contact information

PhD in Zoology from Duke University in 1995

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