REGISTRATION OF RESEARCH WITH CARCINOGENIC, HIGHLY TOXIC AND HAZARDOUS CHEMICALS

HSE REG# _____

DATE _____

ACTION _____

DO NOT WRITE IN ABOVE SPACE

1. Principal Investigator _____

   Academic Title _____   JHED ID _____

   Email: _____

2. Department _____   Division _____

3. Addresses: Office_____   Lab _____   Telephone # _____

4. Project Title: _____

5. List of carcinogenic, mutagenic, highly toxic or hazardous chemicals used routinely for this project. Please include the Chemical Abstract Service Number (CAS) #.

Chemical Name	CAS Number	Chemical Name	CAS Number

Chemicals are carcinogenic, mutagenic, highly toxic, or hazardous if they fit any of the criteria, listed below:

- Known or suspect human carcinogen as defined by ACGIH.

- Chemicals with an immediate dangerous to life or health value (IDLH) of 5 ppm or less, as published by NIOSH.

- Known mutagen or teratogen.

- Chemical with an LD_{50} of 50ml/kg or less when given to albino rats.

- Chemical with an LD_{50} of 200mg/kg or less when administered by continuous contact for 24 hr. to the bare skin of albino rabbits.

- Chemical with an LC_{50} in air of 200 ppm or less of gas or vapor, or 2mg/liter or less of dust, mist, or fume when administered by continuous inhalation to albino rats.

For additional information on which chemicals should be registered, please see: Policy HSE 704

6. Please list all professional personnel, employees and students involved in the project who will come into contact with these materials:

Name   **Mailing Address**   **JHED ID**

_____

_____

_____

_____

_____

_____

7. Please attach a brief overview of the procedures for safe use of each chemical. Please include information such as:

a) The purpose of the research;

b) An assessment of risks to personnel working with the chemical;

c) Specifically describe the safe practices, equipment, and facilities that will be used to protect personnel from exposure to the chemical.   Please review HSE 802 Hazard Assessment of Laboratory Workers

d) Specifically describe methods of inactivation or disposal of the chemical or contaminated materials.

8. I accept responsibility for the safe conduct of work with this material. I will inform all personnel of the hazards associated with this work and the level of containment required to perform this research safely.

Principal Investigator _____ Date _____
                                                    Signature

Save and email form to: HSEinfo@jhmi.edu