

Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Ahmet Burak Buyuktayraklar

Title of Project Targeting Dihydroceramide Desaturase 2 (DES2) as a novel to overcome Anoinis Resistance in Basal Breast Cancer

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).

inhibitors: lapatinib (4-HPR) and ABCZ94640

trypan blue dye

4T1 mouse basal breast cancer cell line (exempt)

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

- exposure to chemicals (inhibitors) - exposure to cell line

- exposure to trypan blue dye

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

- Appropriate Personal Protective Equipment will be worn at all times (gloves, coat, mask, goggles)

- Appropriate Safety courses taken through Stony Brook University

- will adhere to procedures and guidelines set by manufacturers

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

Biohazardous materials will be disposed of in red biohazard disposables

cells disposed of in bleach solution

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

ATCC, Stony Brook University

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.

CHRISTOPHER CLARKE

Designated Supervisor's Printed Name

AS CLARKE

Signature

6/20/19

Date of Review (mm/dd/yy)

ASST. PROF OF RES., STONY BROOK UNIVERSITY

Position & Institution

631-444-6064

Phone or email contact information

15 years + research experience in cancer + lipid metabolism.

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