

# Potentially Hazardous Biological Agents Risk Assessment Form (6A)

Required for research involving microorganisms, rDNA, fresh/frozen tissue (including primary cell lines, human and other primate established cell lines and tissue cultures), blood, blood products and body fluids.  
SRC/IACUC/IBC approval required before experimentation.

Student's Name(s) Giselle Rasquinha

Title of Project Lipid-conjugated HIV-1 Fusion Inhibitor Exhibits Enhanced Potency and Increased Serum Half-life

To be completed by the QUALIFIED SCIENTIST/DESIGNATED SUPERVISOR in collaboration with the student researcher(s). All questions are applicable and must be answered; additional page(s) may be attached.

## SECTION 1: PROJECT ASSESSMENT

1. Identify potentially hazardous biological agents to be used in this experiment. Include the source, quantity and the biosafety level risk group of each microorganism.

Pseudo-virus, BSL-2

2. Describe the site of experimentation including the level of biological containment.

Lab of Viral Immunology, LFKRI. New York Blood Center, New York

3. Describe the procedures that will be used to minimize risk (personal protective equipment, hood type, etc.).

Personal Protective Equipment, gloves, goggles, lab coats, All work done in BSL-2 laminar flow hood

4. What final biosafety level do you recommend for this project given the risk assessment you conducted?

BSL-2

5. Describe the method of disposal of all cultured materials and other potentially hazardous biological agents.  
bleaching and autoclaving before discard

## SECTION 2: TRAINING

1. What training will the student receive for this project?

In depth lab safety courses, pass tests before work in lab, detailed training on techniques & instruments

2. Experience/training of Designated Supervisor as it relates to the student's area of research (if applicable).

More than 20 years of experience, trained many students from high school to post-doctoral level

## SECTION 3: For ALL CELL LINES, MICROORGANISMS AND TISSUES – To be completed by the QUALIFIED SCIENTIST or DESIGNATED SUPERVISOR - Check the appropriate box(es) below:

- ☐ Experimentation on the microorganisms/cell lines/tissues to be used in this study will NOT be conducted at a Regulated Research Institution, but will be conducted at a (check one) ☐ BSL-1 or ☐ BSL-2 laboratory. This study has been reviewed by the local SRC and the procedures have been approved prior to experimentation.

- ☒ Experimentation on the microorganisms/cell lines/tissues to be used in this study will be conducted at a Regulated Research Institution and was approved by the appropriate institutional board prior to experimentation; institutional approval forms are attached.

Origin of cell lines: Commercial and ATCC

Date of IACUC/IBC approval APRIL 24, 2019

- ☐ Experimentation on the microorganisms/cell lines/tissues to be used in this study will be conducted at a Regulated Research Institution, which does not require pre-approval for this type of study. The SRC has reviewed that the student received appropriate training and the project complies with ISEF rules.

## CERTIFICATION – To be SIGNED by the QUALIFIED SCIENTIST or DESIGNATED SUPERVISOR

The QS/DS has seen this project's research plan and supporting documentation and acknowledges the accuracy of the information provided above. This study has been approved as a (check one) ☐ BSL-1/ ☒ BSL-2 study, and will be conducted in an appropriate laboratory.

DR. LANYING DU

QS/DS Printed Name

Signature

July 01, 2019  
Date of review (mm/dd/yy)

## SECTION 4: CERTIFICATION – To be completed by the LOCAL or AFFILIATED FAIR SRC

The SRC has seen this project's research plan and supporting documentation and acknowledges the accuracy of the information provided above.

SRC Printed Name

Signature

Raymond Grossner  
1/10/2020  
Date of review (mm/dd/yy)