1. Introduction

1.1. Robarts Preclinical Imaging Research Centre ("PIRC"), located on the third floor of the Robarts Research Institute, houses specialized Micro-Ultrasound (Micro-US), IVIS Bioluminescence (BLI) and Fluorescence imaging system, and Micro-Computed Tomography (Micro-CT) equipment for high resolution *ex vivo* imaging of biological specimens, and *in vivo* imaging of small animals. This core Robarts Facility was designed for use by Robarts scientists, collaborating investigators and key industry partners.

1.2. The following SOP is to describe hazard assessment requirements for new research protocols utilizing the PIRC.

2. Hazard Assessment Checklist

2.1. For all new studies conducted in the PIRC, investigators must first complete the appropriate hazard assessment form to outline all known hazards associated with the proposed study (Biohazards, chemicals, radioisotopes, and X-ray or MR radiation). This is necessary to 1) determine what if any special safety precautions are required to safely and effectively conduct the study protocol, 2) to ensure all personnel involved in the study have had appropriate training and/or certification, and 3) to ensure all facility personnel and users are made aware of the potential hazards introduced by the study protocol.

2.2. For studies involving use of live experimental animals use PIRC-Form-300A.02 (New Protocol Hazard Assessment Form- Live Animals). For studies not involving use of live animals use PIRC-Form-300B.02 (New Protocol Hazard Assessment Form - Tissue/Specimen).
These forms must be completed and signed by both the study's principal investigator, and either a Facility Manager or the Director, and a copy kept filed in the PIRC.

2.3. If any major changes to the study protocol are made after initiation of the study which may introduce new risks or hazards to Institute personnel or animal subjects, this form must be updated and re-approved by a Facility Manager or the Director.

3. Revision History

Version Number	Date	Changes	Author
SOP-300.01	June 15, 2011	Initial version	Hemanth Varghese, PhD
PIRC-SOP-300.02	Oct 15, 2024	Renamed: Form 300A as PIRC-FORM-300A.02, Form 300B	Joseph Umoh, PhD

		as PIRC-FORM-300B.02, SOP#300 as PIRC-SOP-300.02, etc.	