Institutional Biosafety Committee
Policy on Animal Containment for experiments with Human Xenograft
Effective: 08/06/15

PURPOSE: This policy applies to animal experiments involving human xenograft at the University of Cincinnati. This policy aims to determine the biosafety level for animal containment in order to minimize the risks of exposure to animal handlers.

IMPLEMENTATION: The Biological Safety Office (BSOf) and LAMS are directed to implement this policy upon approval by the IBC. All necessary procedure changes and instructions to implement this policy must be approved by the IBC.

PROCEDURES

- The following activities must be performed in an ABSL2/BSL2 facility, utilizing IBC approved containment equipment (e.g. Biosafety Cabinet):
  a) Preparation of inoculum to be administered to the animal (e.g. syringe loading)
  b) Administration of human cells into the animal (by any route)

- Following injection / transplant, the site of administration must be properly disinfected (e.g. alcohol, chlorhexidine, povidone-iodine), before the animal can be returned to the cage and transferred to the regular housing area.

- Necropsy of animals engrafted with human cells should be performed within containment equipment (e.g. biosafety cabinet, fume hood). In case the use of containment equipment is not feasible, the use of PPE for mucosal protection is strictly required.

- Following completion of the procedures, the work surfaces must be disinfected with 10% bleach (or, if at LAMS, with Clidox ®). For metallic surfaces, this should be followed by 70% ethanol or water to remove any chemical residues and avoid corrosion.

- The handling of tissues and blood products from animals which received human xenograft must follow BSL2 practices.

IBC Chair: [Signature] 8/6/2015
Date: 8/6/2015

Biological Safety Officer: [Signature] 08/06/15
Date: 08/06/15

LAMS Director: [Signature] 8/6/2015
Date: 8/6/2015