Weill Medical College of Cornell University

RARC USE ONLY

Room#: TBD

PROTECTION AND CONTROL

Use of Hazardous Materials in Live Animals within Animal Facilities

Hazard: ☒ Chemical ☐ Carcinogen ☐ Radionuclide ☐ Biological (specify level): ☐ 1 ☐ 2 ☐ 2 w/3 practice ☐ 3

PRINCIPAL INVESTIGATOR/LICENSEE [1]	PROTOCOL #(S)	AGENT(S)
		MPTP

Personnel Protective Equipment: Personnel must don the following equipment designated below during administration of the hazardous material, while handling exposed animals or their waste, and while providing husbandry for exposed animals:

- ☒ Laboratory coat 3/4 length, disposable
- ☐ Tyvek jumpsuit, disposable
- ☒ Face shield
- ☐ Safety glasses
- ☒ Safety goggles
- ☐ Disposable head cover
- ☒ Disposable shoe covers
- ☐ Radiation dosimetry-specify: _____
- ☐ Face mask
- ☒ Respirator, type: N-95
- ☒ Disposable gloves-type: Double Chem resistant (e.g. Nitrile)
- ☒ Other: Safety Goggles and Respirator to be worn during cage changes or disposal of cages

Training (selected criteria must be met):

☒ All personnel (with animal contact) must receive:

- ☐ Radiation safety training
- ☒ Laboratory Safety training
- ☒ RARC Training

Personal Hygiene: The following procedures must be followed:

- ☐ Shower after animal contact
- ☐ Handle these animals last after contact with all other animals is completed
- ☒ Wash or foam hands before and after removing gloves

Engineering Controls (Primary & Secondary Barriers): The following locations and/or procedures must be used:

- ☒ Isolation Cage
- ☐ MADU/Bioclean (negative)
- ☒ All animal manipulations and/or cage handling must be performed with in a:
  - ☐ Certified Biological Safety Cabinet
  - ☐ Certified Chemical Hood
  - ☒ Either
- ☒ Other: MPTP Stocks prepared in chemical fume hood in lab prior to use

Comments: Follow MPTP Guidelines as well as this P and C form

Management Practices:

- ☒ Only authorized staff can access animal holding room
- ☒ Animals housed in room: Designated in advance by RARC
- ☒ Other facility/lab, specify: As per MPTP Guidelines(attached)
- ☒ Investigative staff is responsible for cage changing following administration of the hazard for (duration): 96 hours after last MPTP admin (disposable shoebox cages used)
- ☒ Cages must be decontaminated with bleach by investigative staff prior to presentation to RARC.
- ☐ Investigative staff must place all caging and related equipment in biohazard bags, seal, and label for autoclaving by RARC staff.
- ☐ Investigative staff are responsible to conduct monitoring for radioactive contamination in the experimental work area and on equipment used in the animal facility
- ☐ Investigative staff must hold all caging and related equipment until it has been surveyed and released by _____ for handling by RARC Staff.
- ☐ Radiation Safety Office personnel must survey and release the animal holding room at the completion of the study.
- ☐ Other: _____

Hazard Identification: The information below must be posted:	On each animal holding room door	On each cage
Appropriate hazard symbol (s) e.g., biohazard, radionuclide, carcinogen	☒	☒
Information regarding materials and amounts administered	☒	☒
Date of administration	☐	☒
Personnel responsible, with work and emergency phone numbers	☒	
Application to Use Hazardous Materials in vivo form	☒	
Protection and Control Form (this form)	☒	

Waste Disposal: The following procedures must be followed: ☒ If box is checked see attachment for additional instructions

☐ All radioactive waste, except carcasses, will be stored in a drum located in _____ in plastic bags labeled with PI name, date bag(s) sealed, radionuclide activity for no less than 10 half lives. All waste must be surveyed by _____ prior to release to RARC.	☐ All radioactive carcasses are held in plastic bags labeled with PI name, date bag sealed, radionuclide, and activity in a freezer located in _____ for no less than 10 half lives. All waste must be surveyed by _____ prior to release for disposal.	☒ Waste/carcasses are placed in a sealed, biohazard bag, labeled with PI name, date, and hazardous agent administered. Place carcasses in the RARC refrigerator located in _____. Place waste in room_____.;

Recommendation(s) required from the following personnel (per Veterinarian, RARC NSL):

☐ Radiation Safety Office ☐ Chair, IBC ☒ EHS ☒ Director, RARC

Signature / Date | Signature / Date | Signature / Date | Signature / Date

Attachment: ☒ YES Date: 7/13/03 ☐ NO

Investigator:

I have reviewed the protection and control requirements stipulated above (including attachments) and I agree to the conditions described.

Signature _____ Date _____

PI: Please return form to IACUC @ Box 5 once signed.

[1] Radionuclide use requires an approved institutional license for the specific radionuclide used in vivo