**Animals injected with radioactive materials are NOT to be returned to housing in the animal facility and alternate arrangements must be discussed with regards to animal housing and handling of bedding, excretions, and caging post-exposure. Please consult the** [**EHS Radiation Safety Team**](https://www.umaryland.edu/ehs/research-safety/radiation-safety/) **(410-706-7055) for guidance and/or assistance.**

1. **Identify the radioactive materials to be administered**: Click here to enter text.
2. **Describe how the radioactive material is metabolized in the animal.**

Click here to enter text.

1. **Safety procedures and personal protective equipment *research staff* will use while administering these substances.** 
   1. **Will administration occur using any of the following types of equipment?**

**Chemical fume hood**

**Class II Biosafety Cabinet connected to an exhaust system (***hard-ducted*

*or canopy-connected***)**

**Class II Biosafety Cabinet exhausted into the room**

**Other, please specify:** Click here to enter text.

* 1. **Identify the location (***Building / Room***) where the radioactive material will be administered**: Click here to enter text.
  2. **Which pieces of personal protective equipment will be required for administration and handling of animals?** *If substances require different PPE requirements, select “Additional PPE” and specify what is used for each substance.*

**Gloves**

**Dust mask** *(used for protection against animal dander, not the hazardous agent)*

**N95 respirator** *(enrollment in EHS fit testing program required)*

**Face Shield**

**Protective laboratory eyewear**

**Shoe Covers**

**Laboratory coat, gown, or uniform**

**Additional PPE, please specify:** Click here to enter text.

1. **Animal Housing Post-administration:** 
   1. **Following administration, does the animal or its bedding pose a hazard to other animals, personnel, or the environment?**  **Yes**  **No**

***If yes, explain your answer***. Click here to enter text.

* 1. **Identify location(s) of animal housing post-administration.** *Animals injected with radioactive materials are NOT to be returned to housing in the animal facility until radioactive material has decayed, per the EHS Radiation Safety Team. If animals will be housed and maintained in a non-UMB animal facility location for > 24 hours (rodents) or > 12 hours (USDA regulated species) PI-managed Satellite Housing must be coordinated and the required addendum completed.* Click here to enter text.
  2. **Please list precautions and safety procedures personnel should follow when handling the animals and animal bedding. Specifically, identify which category of personal protective equipment (PPE) will be required for handling the animals and animal bedding***. If substances require different PPE requirements, select “Additional PPE”, and specify what is used for each substance.*

**Standard PPE** *[facility scrubs or lab coat over street clothes, facility issued shoes, gloves (only when handling animals or cages) & particle mask (optional)]*

**ABSL2 PPE** *(facility scrubs, facility issued shoes, lab coat, shoe covers, gloves & particle mask)*

**ABSL3 PPE as specified by the facility (***e.g., PAPR, etc.***)**

**Additional PPE, please specify:** Click here to enter text.

1. **Identify location where the whole animal and/or organs are stored after euthanasia:** Click here to enter text.
2. **Describe the final disposition of the radioactive animal carcass, bedding and excrement** (*e.g., storage location prior to pick-up by EHS*).

Click here to enter text.

1. **Discuss how dirty equipment (including cages and injection area) will be handled and/or decontaminated after the end of the experiment.**

Click here to enter text.

1. **Consult a Vet Resources Veterinarian** ([jduggan@som.umaryland.edu](mailto:jduggan@som.umaryland.edu) or 443-721-9326) **to ensure proper handling procedures for animals and appropriate measures to handle cages and bedding after use. *If animals will be housed at the VA, contact Ginny Bohrer (***[*Virginia.Bohrer@va.gov*](mailto:Virginia.Bohrer@va.gov) *or 410-605-7000 ext. 56426).*  ***If animals are housed at IHV, contact Harry Davis*** *(*[*hdavis@ihv.umaryland.edu*](mailto:hdavis@ihv.umaryland.edu) *or 410-706-2755).*

**Date of consult:** Click here to enter text.