

Application to Use Radioisotopes in Animals

This application must be completed to obtain authorization to use radioisotopes in animals at Boston University.

Contact Name

Contact Phone Number

Contact Email

PERMIT HOLDER INFORMATION

Please list the name and contact information for the Permit Holder who will be responsible for the use of the radioisotopes in the animals. This person must already possess a valid authorization to use radioisotopes issued by the BU Radiation Safety Committee.

Permit Holder Name

Permit Holder Phone

Permit Holder Email

RADIOISOTOPE AND ANIMAL INFORMATION

What isotope and compound will be used?

What type and size of the animal will you use?

What total activity of the radioactive material will be required for the entire study?

Duration of the study?

How many animals will be used?

How much activity will be administered to each animal and how often?

What method of administration will be used?

What type of samples will be collected? How will they be collected?

How Often?

Who will collect them?

Where will the animals be housed?

What type of cages will the animals be kept in?

How long after administration will the animals be kept alive prior to sacrifice?

How often will the cages be cleaned and who will clean them?

What procedure will be used to clean the cages and the area where they are housed?

What type and how often will you perform testing for radioactive contamination?

Where will the records of radioactive contamination testing be maintained?

Who will administer the radioactive material to the animals?

Who will care for the animals during the study?

Who will sacrifice and dissect the animals?

Have all individuals who will come into contact with the animals received radiation safety training?

What volume of radioactive waste do you anticipate you will generate (include bedding, booties, gloves, disposable lab coats, absorbent papers, etc.)?

Where will radioactive waste be stored prior to pick up by Waste Management?

RADIATION SAFETY COMMITTEE APPROVAL

Radiation Safety Committee Chair Signature

Date

Radiation Safety Officer Signature

Date

Institutional Animal Care and Use Committee Chair Signature

Date

Institution Biosafety Committee Chair Signature

Date

Animal Safety Committee Chair Signature

Date

Contact Information

Medical Physics and Radiation Safety
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