



USING ISOFLURANE IN RESEARCH ANIMALS?

When completing an Animal Use Application (ACAP) <http://research.unc.edu/iacuc/>, please note the following details if using isoflurane as an anesthetic.

1. **Do not** include details of isoflurane administration in ACAP addendum 11.0 'Will animals be treated with chemical, pharmacological, toxicological, biological or radioactive agents (not anesthetics/analgesics)?*'.
2. Check '**yes**' to the Addendum Checklist item '*Are Chemical Hazards used?**'.
3. Include details of isoflurane administration, route and dosage in the appropriate ACAP section(s) (i.e., 5.2 Non-Survival Surgery, 5.3 Survival Surgery, 5.8 Tissue Collection, 5.9 Blood or Body Fluid Collection.)
4. Include the use of isoflurane, using a vaporizer or the drop method, either in a DLAM procedure room or in your laboratory.
5. Complete a Chemical Hazard form if a current form is not on file with Environment Health and Safety.
6. See the sample Addendum Checklist below.
7. Please contact OACU at 966-5569 for assistance.

*Use of these hazards also requires an Environment Health and Safety (EHS) Lab Safety Plan. Submit the Lab Safety Plan directly to EHS along with completing this online application.

Application to Use Live Vertebrate Animals

PI: [REDACTED] Page: [REDACTED]

Dept: [REDACTED]

IACUC ID: [REDACTED] Web ID: [REDACTED]

Title: [REDACTED]

Species: Rat (Other)

Application Type: Amendment

Multiple Species: No

Total Animal Number: [REDACTED]

IACUC Use Only

IACUC ID: [REDACTED]

Renewal: [REDACTED]

Date: [REDACTED]

- No** 1.1 Are there confidential or potentially patentable issues?
- No** 1.2 Will collaborator(s) or Core Facilities, other than the PI, Co-PI or approved personnel within the PI's laboratory, perform any procedures on animals in this animal use application?
- Yes** 3.1 Will animals be housed or used in any DLAM, investigator laboratory, or other space?
- No** 3.3 Will animals be housed outside DLAM-managed area for >12 hours? (Satellite Facility Form)
- No** 3.4 Are study animals free-ranging wildlife?
- No** Are you requesting that DLAM conduct animal procedures?
- Yes** 4.1 Will animals experience potential pain and/or distress as a result of the study or phenotype? (Includes studies with the following: pain category D or E; survival surgery; non-survival surgery; procedures in which analgesics or anesthetics are given to alleviate pain or distress)
- Yes** 5.1 Will animals be bred as part of this study?
- Yes** 5.2 Will animals be used in terminal surgical procedures (non-survival surgery)?
- No** 5.3 Will animals undergo a surgical procedure from which they recover (survival surgery)?
- No** 5.4 Will tumors be induced in study animals or may they form spontaneously?
- No** 5.5 Will behavioral and/or conditioning experiments be conducted?
- No** 5.6 Will conscious animals be physically restrained?

- No** 5.7 Will animals experience weight loss as a result of this study?
- No** 5.8 Will tissues be collected from live or dead animals?
- Yes** 5.9 Will blood or body fluids be collected from live or dead animals?
- No** 6.1 Will animals be given food and/or fluids other than that provided by DLAM in regular husbandry? Will food and/or fluids be restricted?
- No** 8 Are you requesting an exception to established regulation or IACUC policy?
- No** 9 Will animal be used for mouse ascites production?
- No** 10 Will animals be immunized or used for antibody (non-ascites) production?
- No** 11 Will animals be treated with chemical, pharmacologic, toxicologic, biologic, or radioactive agents (not anesthetics/analgesics)?
- No** Are transgenic animals used/acquired (Schedule H) in this study; OR are transgenic animals created or recombinant DNA or viral vectors used during this study (Schedule G)? Requires Institutional Biosafety Committee approval. Upload signed and approved Schedule G or H or submit form signed by PI directly to IACUC.
- Yes** Are Chemical Hazards used?*
- No** Are Radioactive Hazards used?*
- No** Are Biological Hazards used? (includes use of biological agents, human blood, tissue, body fluids, infections agents etc.) *
- No** Will cell lines or other agents be passaged in animals? If yes, contact DLAM to have your cell lines tested.
- No** Will you be receiving services or providing services to other investigators using animals (imaging, irradiation, surgeries, etc...) or operating as an animal core unit at UNC-CH

Submission History for Amendment:

[REDACTED]

[REDACTED]

[REDACTED]