

Animals in Research Protocol

Investigator(s): _____ Phone: _____

Department(s): _____ Project Period: _____ to _____

Application is (check):

- a. New
 b. Renewal
 C. Modification

Research project is to be funded with external funds (check):

- Yes
 No

If yes, to what sponsor(s) is the project being submitted:

List animals to be used in the project:

Species	Strain	Size/Age	No. to be used/year

Please address the following questions:

1. Research overview (check all appropriate categories):

- A. Animals will suffer no pain or distress greater than that produced by routine injections or venipuncture and, therefore, will receive no anesthetics, analgesics, or tranquilizers.
- B. Animals will receive anesthetics, analgesics, and/or tranquilizers to minimize or alleviate pain or distress during:
 - 1. Nonsurgical procedures
 - 2. Nonsurvival surgery
 - 3. Survival surgery
- C. Animals will experience pain or distress greater than produced by routine injections or venipuncture and will not receive anesthetics, or tranquilizers since this will adversely affect the study.

2. Does this research involve the handling or use of warm-blooded animals (e.g., mammals or birds)?

- NO YES

3. Is this research funded in whole or in part by any agency of the United States Public Health Service, including AHRQ, CDC, FDA, HRSA, HIS, or NIH?

- NO YES If yes, please list the agency(ies) _____

4. Does this research involve captive animals?

NO YES

If yes, please identify the facilities and attach an animal care plan.

If no, will the animals be held at animal use facilities for any period greater than normal handling and processing time (e.g., greater than 2 hours).

NO YES If yes, please explain in an attachment.

5. Will this research primarily involve the use of farm animals used for food, fiber, or other agricultural purposes (e.g., cattle, swine, poultry)?

NO YES

If yes, please identify the primary objective of the research or teaching:

- Animal science teaching or research
- Veterinary medicine teaching or research
- Human health teaching or research

6. Will living vertebrate animals be exposed to any of the following during the project:

Yes No If yes, for any category, specify.

*Infectious agents: _____

*Radioactive materials: _____

Flammable or explosive materials (e.g. either): _____

*Toxic chemicals, carcinogens, teratogens: _____

Experimental drugs: _____

Controlled drugs: _____

Anesthetic agents: _____

*Recombinant DNA: _____

*Other biological materials that may contain infectious agents:

***Requires approval by the Institutional Biosafety Committee**

Briefly describe and attach the following in non-technical (lay) terms:

1. The goal of the research and the role of living vertebrate animals in the project.
2. The procedures to be used, including the frequency of treatments per animal. For project involving survival surgery describe 1) the surgery and 2) post-operative care. Include any planned use of anesthetics, analgesics, and tranquilizers; dosages and routes of administration.
3. Euthanasia techniques (drugs, dosages, and routes of administration) or other means of animal disposition at project's completion.
4. The justification for any procedures involving pain, discomfort, or anxiety without the use of appropriate anesthetic, analgesic, or tranquilizing drugs. Describe methods, sources e.g. the Animal Welfare Information Center, used to determine that alternatives involving less pain or distress to the animals are not available.
5. The rationale for using animals rather than non-animal alternatives (in vitro systems, human clinical trials, computer models, etc.)
6. The rationale for choice of animal species.
7. The justification for using the number of animals identified on page 1 of this form (statistical significance, quantity of tissue needed)
8. Relevant animal care and use guidelines followed in the study design.
9. The qualifications of professional, technical, or student personnel actually performing experimental procedures. Detail all training of personnel, including for students, that will occur prior to the study.

Please attach to this application a study prospectus and resume/CV of the PIs/co-PIs.

I certify that I have truthfully and completely described the use of animals during this project and that I will notify the Animal Care and Use Committee in writing of any changes in this information prior to proceeding with the animal experiments. Furthermore, the activities I plan do not necessarily duplicate previous experiments.

As a principal investigator, I accept and will conform to all federal, state, and institutional laws concerning: 1) the care and use of animals in research, teaching, or testing, 2) efforts to minimize animal pain and distress, 3) the training of research personnel or students handling animals as described herein; and 4) consideration of alternatives to use of animals in research.

Signature: _____

Date: _____

Institutional Animal Care and Use Committee (IACUC) Action

Project No. _____

Date: _____

_____ Approved

_____ Modifications are required

_____ Withhold approval

_____ Defer review

Signature of Chair _____
