UNIVERSITY OF HARTFORD
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC)
PROTOCOL PROPOSAL

Required for any project using live vertebrate animals. Please answer questions clearly and concisely, in a manner that is easily understandable to a general audience. You may modify the form for additional space as needed.

Section 1. Introduction

1.1 Project Title


1.2 Principal Investigator

Name | Department | Phone | Email
---|---|---|---

1.3 Other Personnel

Name | Department/Institution | Role/duties in project
---|---|---

Appropriate training (lab safely, animal care, research methodology) must be documented for all project personnel.

1.4 Type of submission (check one)

- [ ] New Protocol
- [ ] Amendment of existing project
- [ ] Renewal of existing project

Associated IACUC Number:

1.5 Species used

Species name | Common name/strain | # / year | Project total #
---|---|---|---


1.6 Location
Where will animals be housed?

Section 2. Procedures

2.1 Procedures (check all that apply)

- Observation/captive maintenance only
- Survival surgery
- Multiple survival surgery
- Non-survival surgery
- Prolonged restraint
- Food/water deprivation
- Collection of blood/cells/tissues
- Antibody production
- Injury/Trauma
- Biohazard exposure (toxins, infectious/radioactive agents, carcinogens, etc.)
- Other (specify): ____________________________

2.2 Pain and Distress
Will any animals experience more than minimal or temporary pain as the result of any procedure? If yes, explain and provide the USDA pain level (1 = negligible, 2 = pain/distress avoided by appropriate drug use, 3 = pain/distress NOT avoided by appropriate drug use.)

List anesthetics/analgesics that will be administered to minimize pain.

Justify (with documentation) any painful category-3 procedures that will not be avoided by drug use.
2.3 Euthanasia

Explain any conditions under which animals will be euthanized (e.g. as a planned end-point for the project, only if necessary due to injury/illness, etc.).

Describe methods that will be used to euthanize animals. Are these standard methods for the species?

2.4 Other Drugs

List and explain any other drugs that will be administered (experimental substances, antibiotics, etc.)

Section 3. Project Description

Describe the work that is to be done:

1. Purpose and Rationale

2. Experimental Methods
3. Significance

Section 4. Justification

4.1 Species choice
Justify the use of this animal species for this research.

4.2 Qualifications
Summarize previous experience and qualifications of the P.I. and/or other personnel in animal research, captive maintenance, educational programs, etc.

4.3 Replication
What steps have been taken to ensure the project does not unnecessarily replicate work that has already been done? Indicate databases searched, keywords used, etc.
I certify that I have sufficient expertise to conduct the proposed animal research project and will supervise such experimentation so as to ensure compliance with the *Guide for the Care and Use of Laboratory Animals, 8th ed.*, National Research Council. I will report any significant change in animal usage promptly to the IACUC.

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Committee Member Evaluation

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<td>Quality of research design and procedures</td>
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<td>Clarity/understandability of research proposal</td>
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Committee Member Recommendation

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