

University of Wisconsin-Platteville
Animal Care and Use Committee Protocol Form Coversheet

Principal investigator/Project director:

Department:

Telephone number:

Email address:

Title of Project:

Type of protocol (original, modification, continuation, resubmission):

Do you have current (or pending) funding for this project?

Funding source:

Grant number:

Title of grant:

Reason for protocol (teaching, research, both):

Facility where animals will be housed:

Person/unit responsible for daily animal care:

List of personnel working with animals:

Last name, First name	Phone number	UWP Certification for Animal Use
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UW-Platteville has on file with the Public Health Service a written Assurance, which commits UW-Platteville to following the standards and regulations established by the Animal Welfare Act and the Health Research Extension Act. UW-Platteville has established the Animal Care and Use Committee (ACUC) to review and approve proposals for the use of animals in research and teaching. The ACUC will determine if these proposals are consistent with these regulations and requirements. The ACUC is responsible for the welfare of any live vertebrate used or intended for use in research, experimentation, testing, training, or related purpose if these animals are maintained at UW-Platteville or used under funds administered by UW-Platteville.

I certify that I have read the above statement and will adhere to all regulations concerning the use of animals in research and teaching, and that I will notify the ACUC in writing of any changes in this Protocol Form before proceeding with any animal experimentation.

Signature

Date

Animal Protocol Form

ACUC protocol approval does not automatically guarantee that the approved project can be started. The UWP resources identified in the project must be able to accommodate the project before animals can be purchased.

1. Briefly explain, in a language understandable to a layperson, the aim of the study and why the study is important to human or animal health, the advancement of knowledge or the good of society.

2. Explain your rationale for animal use. The rationale should include reasons why non-animal models cannot be used.

3. Species of animals: Total number per year: Source of animals:

If the species is endangered or protected, indicate appropriate federal/state license number:

For breeding colonies, answer the following questions:

Anticipated total number of offspring for each species that will be produced per year:

Anticipated number of offspring that will be used for experiments:

Will environmental enrichment devices be used? (If no, provide scientific justification)
Type:

Justify the appropriateness of the species selected.

Justify the numbers of animals to be used. (check all that apply)

Pilot study or preliminary project, group variances unknown at present.

Based on the statistical analysis, the number of animals requested is the minimum necessary to achieve significant results.

Based on the PI's experience using these methods in similar studies, and review of related use in peer reviewed published studies, the number of animals requested is the minimum necessary to meet the scientific objectives of the proposed research and to provide scientifically meaningful data.

The number of animals requested is mandated by government regulations.

Other:

If animals are not euthanized at the end of the study, what will happen to them?

4. Describe the experimental protocols, outside of normal husbandry, to be performed on the animals (except description of surgery). For example, identify all drugs given including dosage range, routes and frequency of administration; nutritional intervention; social or environmental manipulation; biological samples taken; unusual physical restraint; methods of antibody production, etc. Specify the expected sequence, frequency and duration of these procedures:

5. Describe any surgical procedure(s), including a narrative description(s) giving incision site(s), tissue isolation methods, etc. Note: Aseptic procedures must be used for all survival surgery.

Who will perform the surgery and what are their qualifications and/or experience?

Where will surgery be performed?

Describe anesthetic method used, including all drugs, dosage, routes of administration and supplementation schedules:

Will animals be allowed to recover from surgery?

If yes, describe the post-surgical or post-anesthetic monitoring and care procedures. Indicate whether an analgesic will be used and name the drug, dose and route of administration. If an analgesic will not be used, provide a scientific justification for not using one.

Will any animal(s) be allowed to recover from more than one operative procedure? (A major operative procedure is defined as any surgical intervention that penetrates and exposes a body cavity or any procedure, which produces permanent impairment of physical or physiological functions.)

If yes, provide scientific justification for performing these procedures.

6. Are procedures employed that are likely to cause more than momentary or slight pain or distress to animals? A painful procedure is defined as any procedure that would reasonably be expected to cause more than slight or momentary pain and/or distress in a human being to which that procedure is applied.

Describe any discomfort or pain as a result of this procedure. What will you do to relieve this discomfort and assure that no animal experiences undue pain or distress during the course of your research? Include drugs, dosages, nursing care, mechanical devices, humane euthanasia, etc. Provide scientific justification if analgesics cannot be utilized:

Federal regulations require consideration of the use of alternatives to procedures that may cause more than momentary or slight pain or distress to animals whether relieved or not or reduction in the number of animals by using appropriate statistical methods in the design and analysis of the study, reduction in variability by using animals of defined genetic or microbiological status and maximizing the data gained from an individual animal. Indicated how alternatives were considered in the design of the study or why alternatives were not found to be suitable for accomplishing the goals of the study:

Methods used to search for alternatives (indicate all that apply):

- Literature search conducted
 - Name of search utilized:
 - Key words used:
 - Date the search was completed:
 - Years searched:
- Consultation with colleagues (qualifications, dates and content of consult)
- Other information services utilized. Elaborate, provide specific information.

7. Classification of research animal use (Indicate the highest category applicable):

Category	Procedure	Example
0	No invasive procedure or intrusion into the normal life stream of animal.	Simple observation
1	Experiments which are expected to cause only minimal discomfort or none.	Injections, blood sampling, tube feeding, behavior experiment without significant restraint, etc.
2	Experiments carried out on anesthetized animals which do not recover	Removal of organs for histological, biochemical or transplant studies
3a	Experiments with painful stimulation of awake animals, which cause momentary light pain	Behavioral experiments with flight or avoidance reactions.
3b	Surgery with anesthesia from which the animal will awaken or experience the cessation of analgesia	Biopsies, implantation of chronic catheters, gonadectomy, any survival surgery, etc.
4	Experiments on awake animals of whom some can be expected to become seriously ill or be caused significant pain or distress.	Toxicity testing, production of radiation sickness, infections or tumors, nutrient restrictions, stress or shock treatments, chronic restraint, etc.
5	Painful experiment on unanesthetized animals with or without the use of muscle paralyzing agents	Certain physiological and pharmacological experiments on the nervous system, research on pain, etc.

8. Describe any dietary manipulations or special feeding requirements:

Length of time animals will be on experimental diet:

Will neonates or rodents be fasted beyond 3 hours or will other animals be fasted beyond 48 hours? (If yes, provide a scientific justification)

Will fluids be withheld for more than 24 hours (more than 5 hours for rodent)? (If yes, provide a scientific justification)

Describe monitoring procedures to assure animal health and well-being if short-term withholding of food or water is involved:

9. Describe how frequently you will monitor your animals to ensure they are not experiencing pain or discomfort from your procedures or from unanticipated illness or injury.

10. If experiments will induce chronic disease, tumors or radiation sickness, describe the criteria for termination of the affected animals.

11. Does the project utilize hazardous agents (e.g. infectious agents, carcinogens, toxic chemicals) with animals?

If the project utilizes hazardous agents, has the Department of Environmental Health, Safety and Risk Management been contacted and appropriate forms completed?

12. Does the project involve the use of radionuclides in animals?

If the project utilizes radionuclides with animals, has it been approved by the Radiation Safety Office?

13. Describe the methods of euthanasia used. (If methods deviate from the 2000 AVMA Panel on Euthanasia, provide scientific justification.)

14. Provide written assurance that the activity does not unnecessarily duplicate previous experiments. (Comment on scope of literature search or other means used such as consultations with colleagues if this is a research project.)

_____ Literature search conducted

Name of search utilized:

Key words used:

Date the search was completed:

Years searched:

_____ Consultation with colleagues (qualifications, dates and content of consult):

Note: If this is an educational project, clearly state the educational goals and provide assurance that the use of alternative methods has been considered to meet these goals: