

3. Provide a short (250 words or less) nontechnical summary of the project, indicating your reasons for undertaking the study (i.e. its significance to your field, your professional development or the university). Include some evidence that the proposed experiments do not unnecessarily duplicate previous experiments. (attachment)
4. Provide the rationale and purpose of the proposed use of this species of animals. (State briefly why living vertebrates, especially the species you are using, are required rather than some alternative model). (attachment)
5. Provide justification of the number of animals requested. (attachment)
Explain how you determined the total number of animals requested. Whenever possible, the number of animals requested should be justified statistically. It is important to include all animals for pilot studies and any expected losses resulting from technical development.
6. Provide a complete description of the proposed use of the animals. (attachment)
 - A. Does this protocol involve survival surgery? Yes No

If yes, complete 1-3, then go to B. If no, proceed to B.
 1. State where the aseptic surgery will be performed.
 2. List appropriate sedation, analgesic and anesthesia and their dosages.
 3. Describe the surgical procedure. (Indicate if multiple surgeries are required).
 - B. Do the proposed animal activities involve potentially painful procedures? Yes No

If yes, complete 1-5, then go to C. If no, proceed to C.
 1. Describe the procedures for ensuring that discomfort, distress, pain, and injury will be limited to that which is unavoidable in the conduct of this project. Include information on analgesics, anesthetics and (or) tranquilizing drugs and their dosages, as well as a description of the resources you used (e.g. the Animal Welfare Information Center) to determine that less painful procedures were not available.
 2. If any procedure(s) will cause pain or distress and analgesia/anesthesia cannot be administered, list each procedure with justification for the exclusion of these drugs.
 3. If painful or stressful outcomes are anticipated in this project, describe the criteria and process for timely intervention, removal of animals from a study, or euthanasia.
 4. Was a veterinarian involved in planning this project? Yes No
 - C. Describe exactly what you will do to the animals while they are alive. Include all procedures in your project that will be imposed on the animals.

7. Provide information on the care of the animals. (attachment)
- A. List the individual(s) responsible for the routine animal care as well as the veterinarian who will provide care. Also include a description of how the individuals handling the animals are qualified to do so, or how they will become qualified through training (note: All health, treatment and surgical records must be available for review by the DePauw University IACUC).
 - B. Describe the facility in which the animals will be held. If this location is not one of the animal care rooms which are regularly inspected by IACUC members, documentation concerning heating, ventilation, emergency power and other features related to guidelines for animal care must be supplied. The relevant guidelines can be found in the code of Federal Regulations, Title 9, chapter 1, subchapter A, part 3.

8. Method of euthanasia or disposal of the animals: Is this method consistent with the recommendation of the AVMA Panel on Euthanasia¹? Yes No

If no, give justification for not following the Panel's recommendation. (attachment)

9. Investigator Assurance:

I hereby certify that to the best of my knowledge, the statements in this protocol are true and accurate. I assure DePauw University that I am fully aware of the Animal Welfare Act and the National Research Council's Guide for the Care and Use of Laboratory Animals² as they pertain to the use of animals in research and teaching. I further assure DePauw University that any animal use will comply with the requirements and standards contained in the Animal Welfare Act and its accompanying regulations in the Code of Federal Regulations, Title 9, chapter 1, subchapter A. I will report any uncorrected instances of noncompliance promptly to the DePauw University IACUC. By signing this statement, I am assuring the DePauw University IACUC that any and all animal use will be as described in the protocol. Any significant changes in the proposed project will be submitted in writing prior to proceeding with any animal use.

Principal Investigator _____ Date _____

I have reviewed and support this request for animal use. The department assumes administrative responsibility for this project.

Department Chairperson _____ Date _____

Notes and Resources

¹1993 Report of the AVMA Panel on Euthanasia. JAVMA, Vol 202(2):229-249.

Website: <https://www.avma.org/KB/Policies/Documents/euthanasia.pdf>

²Guide for the Care and Use of Laboratory Animals. 1996. Institute of Laboratory Animal Resources, Commission on Life Sciences, National Research Council, National Academy Press, Washington, D.C.

Website: <https://www.nap.edu/catalog/5140/guide-for-the-care-and-use-of-laboratory-animals>

See also:

Guidelines for Ethical Conduct in the Care and Use of Animals. American Psychological Association's Committee on Animal Research and Ethics (CARE). Washington, DC.

Website: <http://www.apa.org/science/leadership/care/guidelines.aspx>

Animal Welfare Information Center. U.S. Department of Agriculture, Agricultural Research Service, National Agricultural Library, 10301 Baltimore Avenue, 5th Floor, Beltsville, MD 20705-2351.

Website: <https://www.nal.usda.gov/awic>