



## PROTOCOL DEVELOPMENT WORKSHEET

Per the Guide for the Care and Use of Laboratory Animals, researchers should provide the IACUC with a clear and concise sequential description of the procedures involving the use of animals that all members of the committee can easily understand. This worksheet is intended as a tool to help investigators outline animal experimentation and assist with protocol development.

**The worksheet is for personal use only and is not intended for inclusion with any ACUC submission.**

**For each experiment, what is your research question(s)?** *Scientific Aims, Question 1.*

**What is the benefit of this work to humans, other animals, or the advancement of scientific knowledge?** *Scientific Aims, Question 2.*

### **Animals**

*Species Experiments, Question 3.*

*Strain Experiments, Question 4 & Strains Question 1.*

*Sex Experiments, Question 4.*

*Age Experiments, Question 4.*

**Group Delineation for each experiment** (specifically describe each experimental group and the number of animals per group) *Experiments, Questions 4 & 9.*

**What methods have been used to justify group size?** *Animal Justification, Question 4.*

**For each experiment, what is the experimental endpoint?** *Experiments, Questions 4 & 8.*



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**For each experiment, what are the humane endpoints? In other words, what criteria will be used to remove animals from the study that exhibit pain or distress?** *Experiments, Question 5 & Procedure, Question 4b.*

**In a stepwise manner, for each experiment, describe what will happen to animals from the time they are acquired from the vendor until they are euthanized or transferred to another protocol.** *Experiments, Questions 4 & 8.*

**\*Investigators are encouraged to contact the ACUC coordinator or LAR veterinarians for assistance navigating RAMP. LAR hosts monthly protocol development workshops to assist investigators with protocol writing. Additionally, online protocol development resources are available through the RAMP Help Center.\***