**Health Sciences Center**

**Animal Resources Center**

**APPLICATION FOR ANIMAL ETHICS COMMITTEE APPROVAL**

1. **Principal investigator details**

**Name:** Click or tap here to enter text.

**College/Department:** Click or tap here to enter text.

**Address (work):** Click or tap here to enter text.

**Mobile phone number:** Click or tap here to enter text.

**Email:** Click or tap here to enter text.

1. **Research project details**

**Project Title:** Click or tap here to enter text.

**Project No: (if available): Funding agency:** Click or tap here to enter text.

**Duration (Starting - Ending dates):** Click or tap here to enter text.

1. **Animals requested:** Click or tap here to enter text.

**Species/Strain:** Click or tap here to enter text.

**Total number:** Click or tap here to enter text.

**Age/sex/weight:**Click or tap here to enter text.

1. **Personnel working on the project:** Click or tap here to enter text.

**Staff/Student name:** Click or tap here to enter text.

**Certification of animal handling:** Click or tap here to enter text.

**Phone number:** Click or tap here to enter text.

**Emergency contacts:** Click or tap here to enter text.

**Attachments**

**A complete application should include the following components typed and clearly explained. If a section is inadequately answered the application will be deemed incomplete and returned to the PI.**

**Section-1: Justification of the research and the use of animals**

Researchers must clearly state their project's scientific purpose (Abstract, objectives, and importance of research). The international ethical guidelines require that the research should be of sufficient potential significance to justify the use of animals.

**Section- 2: Justification of the animals requested (number, species, sex, age)**

Should include thorough explanation of the experimental design, and precise statistical analysis and planning while considering reducing the numbers of animals and avoiding unnecessary duplication of experiments. The species and characteristics chosen should be the best suited for the study.

**Section-3: Experimental procedure**

Detailed description of the planned experiments including surgical procedures.

**Section-4: Severity of intervention and ways to alleviate pain**

Clear description of animal handling during the experiments, assessment of the level of severity of intervention and measures to be taken to alleviate pain.

**Section-5: Animal handling after release from ARC**

Scientists should ensure that all staff who use animals under their supervision receive explicit instruction in experimental methods and in the care, maintenance, and handling of the animals they obtained. Researcher should state information on technical staff certification and training, location of experiments, care and handling responsibilities.

**Section-6: Involvement of toxic, infectious or radioactive substances**

Researcher should describe in detail any experiments involving the use of toxic, infectious or radioactive substances. He/she should clarify the safety procedures planned to be adopted during the experimental work.

**Section -7: Methods of sacrifice and disposal**

Description of methods planned to be used for animal sacrifice and disposal.

**Statement**

**I confirm my understanding and adherence to the international ethical standards of animal care\* and the accuracy of the information provided in this application.**

**Name and Signature:** Click or tap here to enter text. **Date:** Click or tap here to enter text.

**Instructions**

* All scientific research in the HSC is expected to follow the international standards of ethics for animal experimentation. The use of animals requires an ethical evaluation process undertaken by the ARC Ethics Committee.
* **\***The guidelines used by the committee are adopted from the International Guidelines for Ethical Conduct in the Care and Use of Animals [Available at the ARC Website]. The main parameters in the ethical approval of a study correspond to the “3Rs” concept **" all efforts to replace, reduce, and refine experiments must be undertaken" [**Russel and Burch,1959]. Researchers are advised to adhere to these guidelines while preparing their study design.
* The ARC capacity of animal supply is limited to a maximum of 100 mice/rats per year per project and 16 rabbits/guinea pigs per year per project.
* All attachments/sections in this application must be clearly explained. If a section is left unanswered the application will be deemed incomplete and returned to the PI.

* Completed application must be submitted to the Animal Ethics Committee at least 40 days prior to the animal request to allow sufficient time for review.
* **Completed applications should be addressed to the chairperson of the ARC Ethics Committee and submitted as a soft copy to the vice-Dean research office, to** [**zenab.mahamout@ku.edu.kw**](mailto:zenab.mahamout@ku.edu.kw)**.**