Zoology Department, Faculty of Science, Benha University for Animal Care and Use Committee (ZD/FSc/BU-IACUC)

Application form to use animals in research

Researcher(s) name(s):

Researcher(s) e-mail:

Researcher(s) address:

Project Title:

Department or University Unit:

Investigator Status (For each investigator):

- ☐ Faculty/Staff
- ☐ Graduate Student
- ☐ Undergraduate Student
- ☐ Other

If the principal investigator is a student, list name and information of the faculty supervisor. All mailed correspondence will be sent to Faculty Advisor. Please note that THE FACULTY SUPERVISOR MUST INDICATE KNOWLEDGE AND APPROVAL OF THIS PROPOSAL BY SIGNING THIS FORM.
Faculty Supervisor Name:

Faculty Supervisor e-mail:

Address & Telephone:

CATEGORY OF PROJECT

1. Please check which of the following apply to the proposed project:

a. This project involves:

□ Field studies (studies of animals in their natural environment)

□ Use of animals in a laboratory.

b. If the proposed project involves field studies please check one of the following:

□ Observation of animals only, they will not be handled, or their environment manipulated in any way (if this is the only procedure, you may stop here and submit application).

□ Animals will be handled, or their environment manipulated.

PROJECT DESCRIPTION (attach extra pages if needed)

1. Provide a short non-technical summary of the project including its significance and your reason for undertaking the study.

2. Provide a detailed methodology of the project, particularly the aspects associated with animal use and care.

3. Without repeating the methodology, list procedures used with an explanation of all those that deviate from established or commonly accepted techniques. If animals are to be obtained from the field or a field project involves trapping, please describe the method of capture or types of traps to be used, number of animals to be trapped.

4. Please provide the names of all personnel and their involvement.

5. Estimate of Animal Use:

Species	Source	Daily Inventory	Annual use	Housing (bldg. And rm)	Use Location

6. **ALTERNATIVES TO USE OF ANIMALS**: It is the obligation of the researcher to explore alternatives to use of live animals or to reduce the number of animals used.

a. Can an invertebrate be used instead of a vertebrate?

b. Can the study be done with fewer animals?

c. Can you reduce the pain and discomfort the animal will experience?

7. If applicable, describe procedures to minimize discomfort and pain:

8. Describe the use of anesthetics, analgesics, and or tranquilizing agents, and include dose, method of administration, and approximate duration of treatment.

9. **Disposition of animals:**

□ Euthanasia

□ Returned to colony

□ Returned to habitat

□ Transferred to a different project (Protocol Number)

10. **Euthanasia**: describe methods.

11**. Hazardous agents**

a.	infectious agent	□ Yes □ No	If yes, describe
b.	transplanted tumors	□ Yes □ No	If yes, describe
c.	carcinogens	□ Yes □ No	If yes, describe
d.	toxic chemical	□ Yes □ No	If yes, describe
e.	recombinant DNA	□ Yes □ No	If yes, describe

12. **Radioisotopes**: List isotope, radioactive compound, and dose/animal.

Signature (if student, faculty advisor must also sign)

Principle investigator (PI)

Faculty advisor (if PI is student)

Please email application to walaa.shalan@fsc.bu.edu.eg. Students must first email to their faculty advisors who will then forward to the committee.