



Application for permission for experiments involving animals (Form A)

1. Please complete the application form in accordance to the University of Tikrit Guidelines. An incomplete application will be returned to the applicant resulting in a delay in the granting of approval.
2. All applications are to be submitted to the Deputy Dean's (undergraduate and Post Graduate Studies) office of your respective Faculty for evaluation of the scientific merit of the study
3. The investigator is responsible for ensuring that all facets of animal care and use meet the requirements of the Tikrit University, College of Veterinary Medicine policy and code of practice for the care and use of animals for scientific purposes
4. The animal selected for a procedure should be of an appropriate species and quality and the minimum number required to obtain valid results. Methods such as mathematical models, and in vitro biological systems should be considered.
5. Procedures with animals that may cause more than momentary or slight pain or distress should be performed with appropriate sedation, analgesia, or anaesthesia. Surgical or other painful procedures should not be performed on unanaesthetized animals paralyzed by chemical agents.
6. The living conditions of animals should be appropriate to their species and contribute to their health and comfort. Normally, the housing, feeding, and care of all animals used for biomedical purposes must be directed by a veterinarian or other scientist trained and experienced in the proper care, handling, and use of the species being maintained or studied. In any case, veterinary care shall be provided as indicated in the Animal Act 1999.
7. The application should be presented in a way that explained in detail see in (animal ethics guideline at veterinary college in Tikrit university), the care and use of animals from the beginning to the completion of a project. This would include factors that will have an impact on animals such as housing (type, duration, opportunity for social interaction) as well as all treatments (substances, dose rates, routes, volumes, anaesthetics, surgical procedures etc.) and the expected effects. Flow charts or sequence of event tables are often of assistance.
8. The application should also explain and justify clearly the choice of animals, the species, the number of animals, and the qualifications of students or researchers undertaking the study.

Investigators' declaration

1. I certify that I have determined that the research proposal described here is not unnecessarily duplicative of previously reported research.
2. I certify that I am qualified and have adequate experience in the experimentation of animals.
3. For procedures listed under, I certify that I have reviewed the pertinent scientific literature and have found no valid alternative to any procedure described herein which may cause less pain or distress.
4. I certify that the performance of the experiment will be initiated only upon review and approval of scientific intent by the appropriate expert body (College Board).
5. I shall maintain all the records as per format (Form B) and submit them to the Animal Ethics Committee.
6. I certify that I will not initiate the study before approval from the Animal Ethics Committee received in writing. Further, I certify that I will follow the recommendations of Animal ethics guidelines.

Signature of Principal Investigator

Name:

Date:

E-mail:

Phon Number:

Co-supervisors or researcher:

Signature:

Name:

Date:

Co-supervisors or researcher:

Signature:

Name:

Date:

Form (A) Part 1

1. Name and address of establishment:

A. Name of Principal Investigator	Institution/Department	Contact phone and e-mail	Signature
B. Names of Co-investigators include (Co-researchers, supervisors, or technical staff,)	Institution/Department	Contact phone and e-mail	Signature

2. Title of Research / Dissertation / Thesis/:

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3. The place where the animals are presently kept (or proposed to be kept) (tick as appropriate using the mark \checkmark):

- Animal House (Tikrit University, College of Veterinary Medicine).
- University Veterinary Hospital (Tikrit University, College of Veterinary Medicine).
- College Laboratories (Tikrit University, College of Veterinary Medicine).

4. Place where the experiments are to be performed (tick or delete, as appropriate)

- Animal House (Tikrit University, College of Veterinary Medicine)
- University Veterinary Hospital (Tikrit University, College of Veterinary Medicine)
- College Laboratories (Tikrit University, College of Veterinary Medicine)

5. Duration of the project

Proposed date of Initiation:	/ /202	Proposed date of completion:	/ /202
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6. Type of research involved (tick as appropriate, using the mark √)

- Basic Research
- Clinical Research
- Educational Research

Signature

Name and Designation of Principal Investigator (student or researcher):

Date and place: \ \

Name (s) and signature(S) of supervisor (s) or researcher (s)

1-

2-

3-

4-

5- Name and Signature of Vice Dean



Form A Part (2)

Protocol form for research proposals to be submitted to the Institutional Animal Ethics Committee for new experiments or extension of ongoing experiments using animals other than non-human primates.

Plan of study including brief introduction and background; methodology and expected outcomes

1. Animals Model

- a. Species and strain :
- b. Age and weight :
- c. Gender :
- d. Number to be used (*Provide full details of sample size calculation*) **Please full the table with (number of animals per experimental group)**

Name of the experimental group	Number of animals in each group	Method of animal treatment administration per group

2. Rationale for animal usage (provide details as appropriate under the following headings).

a. Why is the use of animals necessary for this study?

b. Why is the particular species selected appropriate for your study?

3. Description of the procedures to be used.

1. List the steps of experimental design

1-

2-

3-

4-

2. Furnish details of injections/schedule/substances:

- Name of substance:
- Dose:
- Method of administration:

3. Blood withdrawal details:

- Volumes:
- Sites:
- Frequency:

4. Radiation (X-ray) (dosage and schedules if present):

5. List the nature of the compound / broad classification of drug / new chemical entity (NCE) if present:

4. Does the protocol prohibit the use of anaesthetics or analgesics for the conduct of painful procedures (procedures which cause more pain than that associated with a routine injection or blood withdrawal)? If yes, please provide an explanation and justification for this:

Name of anasthetic or analgesic agent:

Rout of administration:

The scientific dose in your experimental animals:

5. Will survival surgery (surgical procedures performed on animals in which the animals are expected to recover from anaesthesia) be done?

If yes, please provide the following details.

- a. List and describe all such surgical procedures (including methods of asepsis and disinfectant)

b. Names, affiliation, qualifications and experience of surgical persons performing such procedures:

1-

2-

3-

c. Description of post-operative care briefly

d. In case major survival surgery is to be performed more than once on a single individual animal, please mention why you perform this?

6. Describe post-experimentation procedures (include the types and doses of antibiotics, analgesics, or other substances).

7- Describe the method of euthanasia (include type, dose of euthanasia):

8- Method of carcass disposal animals after euthanasia:

7. Animal and/or samples transportation methods:

Form (A) Part (3)

Use of hazardous agents (use of recombinant DNA-based agents or potential animal and/or human pathogens requires documented **approval by the college scientific committee**). For each category, the agents and the biosafety level required, appropriate therapeutic measures and the mode of disposal of contaminated food, animal wastes and carcasses must be identified).

If, your project involved the use of any of the below-mentioned agents, attach copies of the approval certificates of the respective agencies:

- a. Radionucleotides (AERB)**
- b. Microorganisms / Biological infectious Agents (IBSC)**
- c. Recombinant DNA (RCGM)**
- d. Any other Hazardous Chemical / Drugs**

If your project involves the use of hazardous agents, please fill out **Form (B)** which should be authorized and approved by the Chemical Security Committee within Tikrit University only.

TEMPORARY CERTIFICATE

Temporary Use Only

This is to certify that the project proposal number _____ titled

_____submitted by _____ has been
temporarily approved by the Animal Ethics Committee of College of Veterinary
Medicine, Tikrit University in its meeting dated _____ under the proposal
for a duration of _____ months.

Authorized by the Animal Ethical Committee:

Member Name:

Signature:

Date: