



لجنة أخلاقيات البحث



كلية الطب البيطري

العلمي

Application for Ethical Approval of Use Research Animals

استمارة الحصول على موافقة لجنة أخلاقيات البحث العلمي للابحاث المتعلقة بالحيوان

The Research Ethics Committee (REC) of Faculty of Veterinary Medicine- Assiut University requires the fulfilment of the following regulations for all procedures involving experimentation on animals.

Please respond to the following points:

١- Research Number (Official Use):	
٢- Received Date:	
٣- Research Title:	
English	
Arabic	
Type of submission: <input type="checkbox"/> New protocol <input type="checkbox"/> Re-Submission <input type="checkbox"/> amendment	
٤- Principal Investigator (PI), or supervisor in case of student research:	
٥- National Identity Card Number	
٦- Faculty or Centre or Institute:	
٧- Mobile:	e-mail:
٨- Type of Research:	<input type="checkbox"/> Master Thesis <input type="checkbox"/> Ph.D. Thesis <input type="checkbox"/> Faculty research (independe <input type="checkbox"/> Project <input type="checkbox"/> Others
٩- Primary purpose? <input checked="" type="checkbox"/> Research <input type="checkbox"/> Diagnostic <input type="checkbox"/> Other (please specify) <input type="checkbox"/> Teaching <input type="checkbox"/>	



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١٠- Main subject?

- | | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Behavior | <input type="checkbox"/> Biochemistry | <input type="checkbox"/> Nutrition |
| <input type="checkbox"/> Cell Biology | <input type="checkbox"/> Clinical sciences | <input type="checkbox"/> Drug |
| <input type="checkbox"/> Ecology | <input type="checkbox"/> Genetics/gene | <input type="checkbox"/> Immunology |
| <input type="checkbox"/> Molecular biology | <input type="checkbox"/> Parasitology | <input type="checkbox"/> Zoonosis |
| <input type="checkbox"/> Pharmacology | <input type="checkbox"/> Physiology | <input type="checkbox"/> Toxicology |
| <input type="checkbox"/> Embryology & comparative anatomy | | |

٧- Co-Investigators and Member(s) of Research Team

Name	Contact Information Email/mobile	Department/ College	Role in Research

١١- The Scientific outcomes:

١٢- Categories of Invasiveness in Animal Experiments

A-Experiments on most invertebrates or on live isolates

Yes No

If yes, please choose sources of the obtained tissues:

- Biological samples e.g. serum, plasma
- Commercially available animal cell lines.
- Euthanized animals from an approved protocol.
- Cadaver/Tissue from abattoir or purchased from the market.
- Cadaver collected from the field, e.g., road-kill.
- In case of, use of commercial or established animal cell lines for *in vitro* work only. Please



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complete the following:

Type of cell line:

Name	Animal species	Source (Name and address of the supplier)

In case of, use of animal tissues. Please complete the following:

Animal species	Tissue type	Quantity and frequency

١- Type of animal tissues requested:

***Please describe how tissues or cadavers are packed, transported to the location where it will be used:**

١- Packaging method:

٢- Transportation (provide means) and safety procedures:

٣- Source of animal tissue/cadaver:

Commercial source/ abattoir

Provide the name and address of the supplier:

Dead animals collected from field (e.g. from car accident, etc..)

Provide the location and cause of death if known:

Euthanized animal from approved protocol. IACUC protocol number

Other sources, please describe:

B-Experiments on vertebrates

١٣- Types of animal use (check all that apply)

- Instructional Breeding Testing Research
 Surgery Clinical assay Other



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١٤- **ANIMAL REQUIREMENTS:**

Species	Strain	Age	WT	Sex (M, F)	Total Number	Source

Pharmacological Agents and Substances Administered:

Agent/Substance	Drug	Dosage	Frequency	Route Administered
Anaesthetic Agent				
Post operative Analgesic				
Antibiotic				
Others				

١٥- Does this research involve the use of any animals that have been the subject of previous research? If animals are to be re-used, individual records must be kept for each animal and this must be indicated in the final report.

Yes No

If yes, answer the following

١- What has previously been done to the animals?

٢-Justify the re-use of the animals?

٣-No. of approval

١٦-How to avoid any cross contamination along your research time?

١٧- **Is there any "Surgical Procedure" will be performed on animals?**

Yes No, if no, skip to following question.



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<p>١- Type of Surgical Procedure is: Non-survival or Survival</p> <p>٢- Title of Surgery and description of Surgical Procedure:</p> <p>٣- Location of Surgical Procedure (Animal house/Laboratory):</p> <p>٤- Name of Surgeon(s)/operator(s); please provide relevant training and experience in the procedure being performed</p> <p>٥- Please provide details of the anesthesia techniques used: the drug(s) dose and administration route</p>							
<p>١٨- Do you intend to collect blood samples from animals?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No. If yes, describe the blood collection procedure:</p>							
Frequency:			Volume collected:		Method of collection:		Site of collection:
<p>١٩- USDA Pain and Distress Categories:</p> <p>- USDA Category B(No pain or distress) <input type="checkbox"/></p> <p>- USDA Category C (Slight or momentary pain or distress) or no pain or distress <input type="checkbox"/></p> <p>- USDA Category D (Pain or distress appropriately relieved by analgesia, tranquilization or anesthesia. <input type="checkbox"/></p> <p>- USDA Category E (Unrelieved pain or distress) <input type="checkbox"/></p>							
<p>٢٠- How long will animals be held after they recover from experimental procedures?</p>							
<p>٢١- Does this experiment pose any health risk to staff or other animals?</p> <p>- If yes, how will this health risk be minimized?</p>				YES <input type="checkbox"/>		NO <input type="checkbox"/>	



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٢٢- Describe how the animals will be disposed of at the end of the experiment, (e.g. returned to their flock, passed on to another researcher, euthanized, released to the wild, re-homed, etc.) If they are to be euthanized how will the carcasses be disposed of.

٢٣- Does death as -an-endpoint form part of this research? Yes No

I/we the undersigned have read the Animal care Guidelines and accept responsibility for the conduct of the experimental procedures detailed in this proposal in accordance with the guidelines contained in the Guide for the Care and Use of Laboratory Animals 8th Edition ٢٠١١ (the Guide).

I/We understand that I must notify the REC of Faculty of Veterinary Medicine, Assiut University through the amendment process of any changes in the research use of the animals, including the changes of personnel, the number of animals, species used, or procedures performed, and understand that no additional procedures can be started without express prior approval from the REC.

At the end of each year, an annual protocol report should be submitted to the REC.

Responsible investigators

Principal Investigator (PI) Name	PI Signature	Faculty- Department
Co-Investigator Name	Co-Investigator Signature	
Co-Investigator Name	Co-Investigator Signature	
Co-Investigator Name	Co-Investigator Signature	
Co-Investigator Name	Co-Investigator Signature	