



Research Ethics committee (REC)
Application for animal use in research

Date:

<u>Pre conduction</u> بحث لم يبدأ بعد		<u>Post conduction</u> بحث منتهى	
---	--	--	--

Name:

Affiliation:

Institution:

Department:

Co-Investigators:

Phone number:

E-mail:

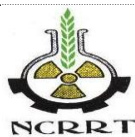
Grade of Protocol

MSc	PhD	Multicenter Within Egypt	International	Others

\-Title of Thesis / Research /Project:

Title in English:

العنوان بالعربي:



۲. Summary of the thesis /research proposal (maximum ۵۰۰ words):

A large, empty rectangular box with a black border, intended for the user to write the summary of the thesis or research proposal.



Scientific importance and validity of the study

3. Objectives of the study or the scientific importance of your study.

--

4. What is the species of animals used, sex and weight?

--

5. The reason for selecting this animal model? (cell line –stem cells...etc)

--

6. Is transportation of animals is necessary to the site where the research is carried out?

Yes		No	
-----	--	----	--



If YES, please clarify the regulations to transport animals with optimum care?

١٠. Number of animals requested.

١١. Methods to calculate the sample size of animals.

١٢. Are the facilities available at the animal house adequate to conduct this study?

Yes		No	
-----	--	----	--

١٣. Are the facilities adequate to provide optimum welfare to animals?

Yes		No	
-----	--	----	--



14. Who will be responsible for the care of animals during the weekdays?

15. Who will be responsible for the care of animals during the weekends and holidays?

16. What are the housing conditions available at the site?

Single/group housing :

Temperature: 20 max 28 °C

Type & size of cages :

No. of animals per cage:

Light – dark regime : 12hrs/12hrs light/dark cycle

Ventilation: Suitable ventilation

Humidity : max 60%

Bedding materials:

17. What is the type of food given to animals?



Humane end points

14. Are there any humane end points that would be expected during the study?

(The earliest endpoint possible should be used to prevent pain or distress)

Yes		No	
-----	--	----	--

If YES, give details.

--

15. If you observe an animal suffering severely, will you take necessary steps to euthanize the animal to prevent further suffering?

Yes		No	
-----	--	----	--

16. What is the method used to euthanize the animal? If a drug is used give details.

--



۲۱. Are you euthanizing the animals at the end of the study?

Yes		No	
-----	--	----	--

۲۲. Who will euthanize the animal?

--

۲۳. Which point in your research will cause pain & level of pain:
Low, Medium, high ?

--

۲۴. what can be done to reduce animal pain or suffering ?

--



۲۰. Study Design (check all that apply):

	Yes	No
• Randomization:		
• Placebo:		
• Genetic sampling		
• Stored Tissue Samples	Yes	No
Will there be any storage of tissue samples (blood/tissues)?		
Will there be any genetic analysis of the stored tissue samples?		
Will any stored samples be shipped out of the country?		
How long will the samples be stored?		

۲۱. Experimental end points

What is the method of disposal of used animals after research?

SIGNATURE OF PRINCIPAL INVESTIGATOR

DATE