Covenant University

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Covenant Health Research Ethics Committee (CHREC)

ETHICS REVIEW PROTOCOL FORM FOR RESEARCH INVOLVING ANIMALS (FORM 009)

For Official IRB use only

Reference No.	
Application No.	
Date Received	
Name (or ID) of Receiving Officer	
Signature of Receiving Officer	

General Information

It is the responsibility of the researchers to ensure that all facets of animal care and use are complied with. This includes a responsibility to protect the welfare of animals used.
This embodies the principles of the three Rs:

- Reduction of animal use
- Replacement of animal use
- Refinement of animal use.

Please check the following:

- The Terrestrial Animal Health Code for the Use of Animals in Research and Education (World Organisation for Animal Health [OIE] 2015)
- The International Guiding Principles for Biomedical Research

Involving Animals (Council for International Organizations of Medical Sciences [CIOMS]

- The International Council for Laboratory Animal Science [ICLAS] 2012)
- The Guide for the Care and Use of Laboratory Animals, produced by the Institute for Laboratory Animal Research, also known as "The ILAR Guide" (National Research Council 2011).

1. Title of Project:
2. Please indicate the type of project by ticking the relevant box: ☐ PhD □ MPhil □ MSc □ BSc ☐ Contract Research □ Enterprise/Consultancy
3. Type of study □ 1. Observational (no physical contact) □ 2. Invasive (e.g. temporary restraint, measurement, removal of tissue/body material, etc.) Please provide further details in response to Question 11.
4. Peer Review It is expected that all research is peer reviewed before applying for ethical consideration. Please indicate who your proposal has been discussed with (Mentor, Supervisor (s), Expert in field).

Applicant information
5. Name of applicant/researcher:
6. Appointment/position held by applicant
7. Contact information for applicant: E-mail:_____ Telephone:_____ Address:_____
8. Project supervisor(s)/mentor, if different (or applicable) from applicant: Name(s): _____ E-mail(s): _____
9. Appointment held by supervisor(s) and institution(s) where based (if applicable):

10. Names and appointments of all members of the research team (including degree where applicable)

The Project
NOTE: In addition to completing this form you must submit all supporting materials

11. Purpose of the project. Indicate the most appropriate description of the primary purpose of the project.

	1. Non GM Stock breeding
	2. Stock maintenance
	3. Education
	4. Research: human or animal biology
	5. Research: human or animal health and welfare
	6. Research: animal management or production
	7. Research: environmental study
	8. Production of biological products
	9. Diagnostic procedures
	10. Regulatory product testing

11) **Background**: (150 words max)

12) **Purpose of the study: (75 words max)**

13) **Study objectives:** (100 words max.)

14) **Expected outcomes:** (100 words max.)

15) **Project Benefits**

Provide a plain English description (maximum length 200 words) of the expected benefits of the project in terms of increasing our understanding of humans or animals, improving human or animal health and welfare, improving animal management or production, achieving education objectives, or achieving environmental objectives.

Study area: (provide accurate name, and geographical co-ordinates)

Study duration: (provide start and stop dates – month and year)

Materials: (List all materials to be employed for the study-This will help the committee judge the strength and correctness of you're the study)

Sample Collection:(Provide information on type of materials (cell, tissues) to be collected and the region of subject body to access to access for these materials. Also provide collection method and preservation before use

Others: (provide information using appropriate subject headings on other tests, and procedures relevant to the study, that will provide the complete picture of the study and facilitate decision on the study)

16. Anticipated project dates
Start date: ____End date:

17. Type of animal to be used, number and age range

Type:

Number:

Age range:

18. Location(s) at which project is to be carried out:

19. Statement of the ethical issues involved and how they are to be addressed. (This will normally cover such issues as whether the risk/adverse effect associated with the project have been dealt with and whether the benefits of research outweigh the risks)

20. What measures have been taken in this project to fulfil ethical commitments to the Reduction, Replacement and Refinement of Animals in Research?

21. Where relevant please provide name(s) of Day-to-day Carer(s) of the Animals involved:

A

B

C

Emergency contact phone numbers of carers, including out of office hours:

A

B

C

22. From where will animals be obtained? (*Indicate by ticking from the list below*)

23. Procedure

Indicate the category (or categories) that best describes **all procedures** carried out on the animals in this project. More than one category may apply to this project. ***Please indicate all that apply*.**

	Observation involving minor interference
	Animal unconscious without recovery
	Minor conscious intervention
	Minor surgery with recovery
	Major surgery with recovery
	Minor physiological challenge
	Major physiological challenge
	Death as an endpoint (where the death of an animal is a planned part of the procedures and animals die but are not euthanized)
	Production of genetically modified animals

24. **For all work on Vertebrates species:**

Does this research involve any procedure that may have the potential effect of causing the animal(s) pain, suffering, distress or lasting harm?

	Directly from an external supplier, researcher or institution (e.g. another University).
	Animal reused from another project
	Animal captured from natural habitat
	Animal in natural habitat
	Privately owned
	Others (Specify).

Yes □ No □

[Note: Under the terms of The Animals (Scientific Procedures) Act 1986 "Pain, Suffering, distress and lasting harm", encompass any material disturbance to normal health (defined as the physical, mental and social well-being of the animal). They include disease, injury, and physiological or psychological discomfort, whether immediately (such as at the time of an injection), or in the longer term (such as the consequences of the application of a carcinogen). This regulation starts at the "skilled insertion of a hypodermic needle".]

25. Does this project involve a series of otherwise non-regulated procedures that together may have the effect of causing that animal pain, suffering, distress or lasting harm? (For example, multiple or cumulative minor changes to the environment may cause sufficient disturbance to be regulated, even if the individual changes do not warrant regulation)

Yes □ No □

If 'Yes', please describe the series of procedures and the potential effects:

26. Does this project involve any procedures or interventions on the animal(s) that is not part of its/their normal management practice?

Yes □ No □

If 'Yes', please describe the procedures or interventions:

For All Work Involving Nigerian Wildlife:

27. Does this research involve intentional killing, injuring or taking of animals?

Yes □ No □

28. Does this research involve the possession or control of live or dead animals, their parts or derivatives?

Yes □ No □

29. Does this research involve damage to, destruction of, or obstruction of access to any structure or place used by a scheduled animal for shelter or protection?

Yes □ No □

30. Does this research involve disturbance of animals occupying such a structure or place?

Yes □ No □

31. Does this research involve selling, offering for sale, possessing or transporting for the purpose of sale live or dead animals, their parts or derivatives?

Yes □ No □

32. Animal Welfare Impact

Identify all aspects of this project that may adversely impact on the well-being of the animals using the table below. Anticipate and describe any potential adverse effects on the animals, and the steps you will take to avoid, minimise or manage these effects.

Provide justification for the impact of procedures on animals in this project taking into account the ethical considerations, the impact on the welfare of the animals and the anticipated scientific or educational value.

Fact or **(Delete or add rows as needed)** **The factors listed below are a guide only. Ensure that you include all other factors that may adversely impact animals in this project.**	**Potential adverse effects on the animals**	**Justify the adverse event risk and indicate how potential adverse effects on the animals will be minimised.**
Anaesthesia with recovery		
Anaesthesia without recovery		
Antigen & adjuvant administration		
Behaviour testing		

Blood / body fluid collection		
Capture of free-living (including feral)animals		
Chronic instrumentation (e.g. electrodes, catheters, transmitters etc.)		
Diet / water modification		

Effect of genetic modification		
Euthanasia		
Experimental housing or environment		
Experimental restraint		
Handling		
Induction of tumours		
Infection with microbial agents,parasites etc.		
Other treatments		
Substances administered		
Surgical procedure(s)		
Techniques used to administer substances (e.g. Injection, gavage,intra-tracheal)		
Other (add rows as necessary)		

33Fate of Animals at the End of Experiments

If animals will be euthanized at the end of the experiment please complete parts (i) and (ii) below:

(i) Detail the method of euthanasia to be used.

(ii) If animals will not be euthanized, please describe their fate below.

34. Health and/or safety risks

Indicate which of the following health and/or safety risks to other animals, people or the community are involvedwith this project.

	Anaesthetic gases	
	Carcinogens	
	Teratogens	
	Chemically hazardous material or cytotoxic substances (not including anaesthetic gases)	
	GMOs – animals	
	GMOs other than animals	
	Biologically hazardous materials (microorganisms, human tissue, fluids etc)	
	Radiation hazard	
	Potential zoonosis	
	Other - Provide BRIEFdetails here:	
	Not Applicable	

35. Ethical Approval from Other Bodies

Has this research applied to any other research ethics committee or regulatory body?

Yes □ No □

If 'Yes', please state which body

36. Has ethical approval already been obtained from that body?

Yes □ Please append documentary

evidence to this form No □

If 'No', please state why not:

Please note that any such approvals must be obtained and documented before the project begins.

37. What is the funding source?

Internal □ External □ (specify)

APPLICANT SIGNATURE

I hereby request ethical approval for the research as described above. Please inform the Ethics Secretary (chrec@covenantuniversity.edu.ng) if the conditions describedin this proforma change after the Committee has approved your research.

Applicant Name : ……..…….....

Signatures: ……

Date: ……..…….....…

Project Supervisor (if applicable): …….....

Date: …….....

Supportive Materials Checklist

Please attach all necessary supportive materials (where relevant) and indicate in the checklist below.

Please tick as appropriate

* Proposal or Protocol of the research (**requirement for all applications**)	
Biographical Sketch	
Other (please state, and explain)	