



UNIVERSITY OF NAIROBI

DEPARTMENT OF VETERINARY PATHOLOGY, MICROBIOLOGY AND PARASITOLOGY

Advertisement for applications for Postdoctoral Research position: PAMOJA PROJECT

The offer background

The PAMOJA-Kenya project is funded by FRANCE through the National Research to Kenyatta University to Prof Joseph Ngeranwa as Principal investigator (PI) with Prof Philip Nyaga (of the University of Nairobi) as one of the Co-Principal investigators. Phase one of the project is hosted at Kenyatta University while phase two is hosted at the University of Nairobi in the above named department.

The objectives of the research position

The main objective of the study is to enhance indigenous chicken productivity through increased disease resistance in these birds and there are two specific objectives:

i. The first specific objective that will be done in phase one is to obtain resistance genes (with resistance to Newcastle disease, Marek's disease, Avian leucosis and Avian Influenza) from indigenous chicken and use these to transform indigenous chicken embryos in the first phase and (ii). in the second phase the specific objective is to challenge the transformed birds with an appropriate challenge virus (preferably Newcastle disease virus) to confirm resistance transformation in the birds. The selected candidate will undertake research challenge studies with the chicken already developed in the first part of the study currently being undertaken.

Requirements and qualification

Applicants are required to have a bachelors degree in Veterinary Medicine or Animal science from a university recognised by University of Nairobi Senate and registrable for a Masters degree at the University. They should have been registered for a Masters degree at the University and to have completed their coursework requirements. The project will assist them with research support as part of their studies.

Application process

The advertisement will be on the university and department websites. Interested candidates will submit a letter indicating their intention to undertake research work in disease pathogenesis, a brief testimonial on what motivates them to study in this area under this project and a concept note of a study proposal in the challenge experimentation. The successful candidate will be assisted to develop a full research proposal. They will indicate their qualifications and the institution where they studied; provide their registration letter, provide the names, email addresses and telephone numbers of three referees and attach the certificates of their qualifications as well as the national ID.

The application shall be addressed to the undersigned and sent by email by or before 5.00pm on 28th June 2023 and copied to the Chairman of department (DN Karanja: dnkaranja@uombi.ac.ke)

Only successful candidates will be notified.

Addressee:

The ECARESA-Kenya Project Coordinator

Department of Department of Veterinary Pathology, Microbiology And Parasitology

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