



UNIVERSITY OF NAIROBI

EXTERNAL ADVERTISEMENT (PROJECT POSITION)

Applications are invited for the following position:

POST-DOCTORAL SCIENTIST, KENYA AIDS VACCINE INITIATIVE – INSTITUTE OF CLINICAL RESEARCH (KAVI-ICR) - AD/2/63/21 (1 POST) (CHS)

Overall Job Purpose

KAVI-Institute of Clinical Research (KAVI-ICR), University of Nairobi, is seeking to recruit a highly motivated early career postdoctoral scientist. The incumbent's areas of research will entail mucosal immunology work which involves direct visualisation of the mucosal tissue barriers, host target or effector cells, and infected cells using explant models.

Key Responsibilities

- i) Live cell microscopy using state-of-the-art confocal and widefield fluorescence microscopes
- ii) Molecular biology techniques such as amplification, sequencing and analysing DNA or rRNA genes
- iii) Immunofluorescence staining and microscopy of the tissue sections
- iv) Generation and characterization of replicative-competent HIV-1 primary viruses
- v) Performance of ex vivo explant experiments using human tissues
- vi) Flow cytometric analysis of mucosal mononuclear cells from tissue explants
- vii) Technology transfer between partners and collaborators
- viii) Training and supervision of technicians and interns
- ix) Presentation of results to the group, programme and network
- x) Preparation of scientific manuscripts
- xi) Any other responsibilities that may arise from time to time

Required Academic Qualifications

- i) PhD degree in immunology, molecular biology or related fields
- ii) Proven track record in immunology and/or molecular biology laboratory research
- iii) Relevant publications in peer-reviewed journals will be an added advantage

Competencies

- i) High level of English language competence appropriate for scientific journal article submissions
- ii) Self-directed, highly motivated, adaptable and capable of adhering to important milestones

Terms of appointment

This is a one year contract renewable by mutual consent. The salary is negotiable depending on the level of education and work experience.

NOTES

1. Applicants should email their application letters and certified copies of certificates and CV giving details of their qualifications, experience and 3 referees indicating their telephone contacts and e-mail contacts.
2. Applications and related documents should be addressed to **The Principal, College of Health Sciences** and forwarded through the applicants' heads of departments, where applicable.
3. Applicants should state their current designations, salaries and other benefits attached to those designations.
4. The application letter must bear the reference code as shown in the advertisement.
5. Applications should be emailed to **recruit-pdfki@uonbi.ac.ke**

CLOSING DATE: FRIDAY, MARCH 11, 2021.

**THE UNIVERSITY OF NAIROBI IS AN EQUAL OPPORTUNITY EMPLOYER.
ONLY SHORTLISTED APPLICANTS WILL BE CONTACTED.**