



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/1/17/21 (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 areas of research will entail translational HIV B-cell immunology work that will include characterization of B cells and isolation/characterization of novel anti-HIV monoclonal antibodies.

Key Responsibilities

- i) Fluorescence-activated cell sorting on relevant B cells from PBMCs
- ii) Molecular biology techniques such as amplification, sequencing and analysing immunoglobulin genes
- iii) Preparation of libraries for Next-Generation sequencing
- iv) Generation of recombinant monoclonal antibodies and antigens
- v) Performance of neutralization assays
- vi) Basic bioinformatics analyses on Next-Generation sequencing data
- 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) Detailed knowledge of the procedures relevant to the work will be an added advantage

Competencies

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

Terms of appointment

This 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-pdskavi@uonbi.ac.ke**

CLOSING DATE: FRIDAY, FEBRUARY 12, 2021.

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