



UNIVERSITY OF NAIROBI

EXTERNAL JOB VACANCIES (PROJECT POSITION)

Applications are invited for the following position:

EARLY CAREER POSTDOCTORAL SCIENTIST, KAVI- INSTITUTE OF CLINICAL RESEARCH (KAVI- ICR), AD/6/97/24- ONE (1) POST

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 translational immunology work to determine magnitude and quality of immune responses to vaccines and in natural infections.

REPORTS TO: Principal Investigator **LOCATION:** University of Nairobi, Nairobi, Kenya

DIRECTLY SUPERVISES:

Research technicians, interns and students as assigned by the Principal Investigator

INDIRECTLY SUPERVISES: None

BUDGET AND RESOURCE RESPONSIBILITY: Budget allocated to the laboratory consumables and other expenses associated with the project.

Key Responsibilities:

1. Assay development for determination of binding antibodies in clinical samples
2. Assay development for determination of neutralizing antibodies in clinical samples
3. Performance of established standardized immunological assays to analyse clinical samples
4. Quality assurance/quality control
5. Molecular biology procedures (PCR, sequencing and basic analyses)
6. Cloning
7. Protein expression and purification
8. Technology transfer between partners and collaborators
9. Training and supervision of technicians and interns
10. Presentation of results to the group, programme and collaborators
11. Preparation of proposals for grant applications
12. Preparation of scientific manuscripts
13. Any other responsibilities that may arise from time to time

QUALIFICATIONS

1. PhD degree in any of the following fields: Immunology, Molecular Biology or related fields
2. Proven track record in immunology and/or molecular biology laboratory research
3. Detailed knowledge of the procedures relevant to the work will be an added advantage
4. Relevant publications in peer-reviewed journals will be an added advantage

COMPETENCIES

1. High level of English language competence appropriate for scientific journal article submissions
2. Good communication skills
3. Capable of interacting with people of different cultures
4. Self-directed, highly motivated, adaptable and capable of adhering to important milestones

PHYSICAL ENVIRONMENT/CONDITIONS:

1. Based at the KAVI-Institute of Clinical Research, Nairobi, Kenya but be flexible to travel to other partner or collaborating institutions
2. Be available to work out of hours if necessary
3. Exposure to materials considered infectious and/or biohazards

NOTES

1. Applicants should email their application letters, certified copies of certificates and curriculum vitae (CV) giving details of their qualifications, experience and three (3) referees, as well as indicating their telephone and e-mail contacts.
2. Applications and related documents should be forwarded through applicants' Heads of Departments, where applicable, and be addressed to the Deputy Registrar, Recruitment and Training, University of Nairobi.
3. Applicants should state their current designations, salaries and other benefits attached to those designations.
4. The application letter must bear the reference code indicated in the advertisement.
5. Late applications will not be considered.
6. Applications should be emailed as one file in PDF to: recruit-ecpskaviocr@uonbi.ac.ke

CLOSING DATE: FRIDAY, JUNE 21, 2024

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