



## UNIVERSITY OF NAIROBI

### EXTERNAL JOB VACANCIES (PROJECT POSITION)

Applications are invited for the following position:

#### **POST DOCTORAL RESEARCH SCIENTIST, KENYA AIDS VACCINE INITIATIVE (KAVI- ICR) - AD/3/14/23 ONE (1) POST**

##### **Overall Job Purpose**

This is an early career postdoctoral research scientist position and the incumbent's areas of research will entail Immunometabolism, metabolic dysfunction, immunology work which involves direct visualisation of the mucosal tissue barriers and host target or effector cells.

##### **Key Responsibilities:**

1. Designing and conducting experiments to study the interactions between metabolism and immunity.
2. Developing and implementing methods for high-throughput metabolic profiling.
3. Molecular biology techniques such as amplification, sequencing and analysing DNA or rRNA
4. Immunofluorescence staining and microscopy of the tissue sections and flow cytometry
5. Performance of ex vivo explant experiments using human tissues
6. Maintaining accurate and detailed laboratory records and notebooks.
7. Assisting with the training and supervision of junior researchers, students, and technicians.
8. Collaborating with other members of the research team on projects and publications.
9. Staying up to date with the latest advancements in the field and incorporating new techniques into the laboratory's research program.
10. 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, metabolomics and/or molecular biology laboratory research
- iii) At least three publications in peer-reviewed journals

## **Competencies**

- a. High level of English language competence appropriate for scientific journal article submissions
- b. 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, 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 Director, Human Resource, 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-pdrskavi@uonbi.ac.ke](mailto:recruit-pdrskavi@uonbi.ac.ke)

**CLOSING DATE: FRIDAY, MARCH 24 2023**

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