



In Search of Better Health

KENYA MEDICAL RESEARCH INSTITUTE VACANCY ANNOUNCEMENT

Project description: The Kenya Medical Research Institute in collaboration with the Centres for Disease Control and Prevention and Liverpool School of Tropical Medicine conduct research activities related to malaria, HIV, tuberculosis and other diseases. Due to its continued growth in the area of research, the program has the following vacancy in Malaria Labs;

Position: Laboratory Analyst, Job Group, **KMR 6** (3 positions)

Location: KEMRI/CGHR Malaria Laboratories, Kisumu, Siaya and Homa Bay

Reporting to: Laboratory Manager

Job Summary: The candidate will be responsible for validating and conducting laboratory analyses to support projects designed to test for micronutrients, detect phenotypic HRP2/3 gene deletions in *Plasmodium falciparum* using a novel multiplex bead-based assay (MBA) and genotypic confirmation using next generation sequencing (NGS) and other clinical and laboratory research-based assays.

Minimum qualifications

- i. Bachelor's Degree in Molecular Biology, Immunology, Microbiology, Biotechnology or a related field from a recognized institution
- ii. Proficiency in the use of computers and electronic case report forms (eCRFs) for data collection
- iii. Evidence of Good Clinical and laboratory practice will be an added advantage

Duties and Responsibilities

- i. Development of laboratory standard operating procedures (SOPs)
- ii. Preparation of laboratory reagents
- iii. Perform micronutrient testing amongst others using Immunoassays and EIS techniques
- iv. Perform next generation sequencing (NGS) using nanopore technologies
- v. Perform HRP2/3 gene deletions in *Plasmodium falciparum* using a novel multiplex bead-based assay (MBA) on MAGPIX® System
- vi. Validate and Implement CDC microbiologic folate testing protocol
- vii. Perform real-time PCR (qPCR) for infectious diseases on Applied Biosystems TaqMan Array Card (TAC) platform Implementing laboratory assays as per protocol and relevant SOPs

Key Skills and Competencies

- i. Strategic thinking and excellent organizational skills
- ii. Excellent analytical skills
- iii. Lab assays troubleshooting skills
- iv. Ability to work long hours including weekends and public holidays where necessary
- v. Good communication, presentation and reporting skills
- vi. Self-driven and willingness to advance his/her career
- vii. Team player

Terms of employment: This is a **one (1) year contract, renewable subject to availability of funds,** with a probation period for the first 3 months. Salary is negotiable within the KEMRI scheme of service depending on education, experience and demonstrated competency.

Successful candidates will be required to provide the following: Certificate of good conduct, Higher Education Loans Board compliance certificate, KRA Tax compliance certificate, Ethics and Anti-Corruption Commission clearance.

Kindly attach your CV, cover letter, copies of certified academic and professional certificates, testimonials and other relevant documents.

All applications to be done through KEMRI Website -E-Recruitment Portal on or before **4th September, 2024 by 5.00 p.m.**

KEMRI or any of its programs, Studies or Projects does not solicit for Money or any form of reward for a Job applicant to be considered for employment. Any such requests should be immediately reported.

Please visit the KEMRI web site www.kemri.go.ke for more details on the advertisement.

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Only short-listed candidates will be contacted