



# HJF Medical Research International, Ltd/Gte

7 Usuma Street • Maitama • Abuja, Nigeria

## Vacancy Announcement

<b>Position:</b> Senior Program Laboratory Specialist (Molecular)	<b>Date:</b> 10 September 2019
<b>Open to:</b> All Interested Applicants	<b>Closing Date:</b> 24 September 2019
All Interested candidates should submit an updated CV, cover letter to: <a href="mailto:recruitment@wrp-n.org">recruitment@wrp-n.org</a> <b>Please state Senior Program Laboratory Specialist (Molecular) in the subject line.</b>	

### Job Summary:

The incumbent will assist in the laboratory detection, viral load quantification, diagnosis, and treatment monitoring of HIV, HCV, HBV, STIs and OIs using PCR technology and different platforms of Nucleic acid based tests. Incumbent in addition will be required to support the research team to run and perform defined molecular assays on research and coordination of field blood samples.

### Essential Duties

- Setup and support the activation of molecular diagnostic section of the Defense Reference Laboratory.
- Programming, calibration and performance verification of PCR equipment.
- PCR equipment use, application, care, troubleshooting, and preventive maintenance.
- Manage HIV-1 DNA and RNA, HBV, HCV, and other pathogen sample collection, documentation, storage, preparation and processing and assay runs.
- Validate assay runs, analysis and interpretation of results, and data management.
- Store and ship blood extract, and fractions in liquid Nitrogen.
- Validate and evaluate new nucleic acid based test technologies for performance.
- Implement Good Laboratory Practice and Total Quality Management in the molecular diagnostic laboratory.
- Ensure accurate, efficient collection, storage, archiving and prompt retrieval of molecular laboratory data, which are derived from Quality Control processes, surveillance and other related programmatic activities.
- Oversee SQC for all quantitative molecular assays and preparation of Levy-Jennings charts and graphs.
- Coordinate all molecular activities for clinical research in the program at all NMOD/USDOD sites in Nigeria.
- Develop and modify work-related job aids and SOPs.
- Manage the molecular inventories at DRL and NMOD sites.
- Train and supervise Laboratory personnel in PCR activities.
- Participate in USG/GON Laboratory Technical Working Group meetings and activities.
- Supportive supervision to NMOD/USDOD WRP-N sites.

- Provide feedback to the Laboratory Manager Molecular to track progress in meeting laboratory goals.
- Perform any other duties assigned by the Molecular Laboratory Manager or designee.

## **JOB SPECIFICATIONS**

**Minimum Education/Training Requirements** Bachelor's Degree in Medical Laboratory Science is required.

**Prior Work Experience:** Minimum of 5 years' experience in HIV/AIDS Laboratory Science, Lab practices and program implementation. Experience in hands on molecular techniques

**Language Proficiency:** Level IV English (fluency in both written and oral) is required

**Required Licenses, Certification or Registration:** Registered with the Medical Laboratory Science Council Of Nigeria.

**Supervisory Received:** Supervision by the Associate Director, DRL.

**Knowledge:** Good knowledge and application of Good Laboratory Practice in all laboratory activities. Management of Molecular diagnostic laboratory. Good understanding of laboratory net-working. Knowledge of Internal and External Quality Control programs in molecular diagnostic activities. Excellent computer skill (including laboratory information system).

**Supervision Exercised:** N/A

**Skills and Abilities:** Ability to develop and apply PCR related SOPs. Ability to work as a team, and good time management.

**Travel Requirements:** 10%.

**Work Environment:** This position is located at Defense Reference Laboratory, Defense Head quarter, Mogadishu Cantonment, Asokoro – Abuja and will require traveling as needed to program sites throughout Nigeria The incumbent is expected to practice safe handling of infectious materials and hazardous chemicals. This laboratory supports work of investigators of diverse scientific disciplines and nationalities and requires good interpersonal skills for effective job performance.