

DISCIPLINE: NICD:
CENTRE FOR HEALTHCARE-ASSOCIATED INFECTIONS, ANTIMICROBIAL
RESISTANCE AND MYCOSES

LOCATION: SANDRINGHAM

POSITION: MEDICAL TECHNOLOGIST

PAY GRADE: MT 2

REFERENCE NUMBER: NICD0519/001-02

The Centre's mycology reference laboratory needs an experienced technologist to perform specialised reference assays for identification and antifungal susceptibility testing, manage and analyse surveillance data, support fungal disease proficiency testing schemes, teach laboratory personnel (including technologists, scientists, registrars, pathologists), conduct laboratory projects (including evaluation of new assays) and assist with accreditation processes.

Key Job Responsibilities

Operational efficiency of laboratory

■ Conduct a range of mycology-related diagnostic and reference tests, including fungal identification, antifungal susceptibility testing and molecular assays in accordance with SOPs, monitoring quality at all times ■ Manage data required for the efficient functioning of the lab in order to meet project and clinical requirements ■ Ensure that quality services are supplied to customers by monitoring work, stock, staff and equipment ■ Maintain safety standards in accordance with OHSA ■ Undertake to troubleshoot where necessary ■ Verification and validation of equipment and/or test methods for routine implementation ■ Interpret laboratory findings and complete technical reports ■ Maintain records and documentation of test results and patient information ■ Operate various analytical equipment for medical mycology tests ■ Efficient stock control on bench ■ Liaise with clinicians, registrars and pathologists ■ Database entry, management and analysis for accurate distribution of reports to stakeholders ■ Attend to and close off customer complaints.

QMS

■ Monitors, calibrates and maintains devices according to relevant standards ■ Monitors, calibrates and maintains devices according to relevant standards ■ Perform preventive equipment maintenance performed as per set schedule ■ Adhere to quality assurance policies and procedures to ensure the accuracy of laboratory results ■ Log non-conformances, identify corrective and preventive actions and determine root cause ■ Trend analysis of non-conforming events with appropriate corrective and preventive measures ■ Participate in EQA up to review and distribution of results.

Assessments of results/Interpretation of results

■ Verify and report results (interpret where applicable), manually and electronically and ensure that results are delivered timeously ■ Perform data checks and analyses as per SOP.

Teaching, Training & Dev of Laboratory staff

■ Training, coaching and provide technical support to Lab Technicians, Student Medical Technologists, Registrars, Pathologists and Laboratory Assistants.

Minimum requirements and Key Competency

■ National Diploma in Medical Technology or Biomedical Technology or Bachelor of Health Sciences: Biomedical Technology ■ HPCSA registration (microbiology or clinical pathology) ■ 4 years of post qualification experience – bench experience in medical mycology would be an advantage ■ Perform sampling and analysis of human and environmental samples for fungal culture ■ Preparation of samples for examination ■ Knowledge for the usage of specialised reference laboratory instrumentation ■ Accurate interpretation of laboratory results ■ Establish and monitor programmes that ensure data accuracy ■ Accuracy and organisational skills ■ Attention to detail and strive for an error free standard ■ Ability to identify problems and troubleshoot ■ Ability to work independently and collaboratively ■ Communication Skills (Verbal, written & presentation) ■ Computer Literacy ■ Time management and evaluation Skills ■ Able to accommodate overtime requirements in order to deliver timeous and accurate results.

Enquiries may be directed to Gomotsang Mogomane @ 011 386 6425, email application to Recruiter2@nicd.ac.za