

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR HEALTHCARE-ASSOCIATED INFECTIONS, ANTIMICROBIAL RESISTANCE AND MYCOSES (CHARM)
LOCATION: SANDRINGHAM
POSITION: MEDICAL TECHNOLOGIST (RE-ADVERTISEMENT)
PAY GRADE: MT1
REFERENCE NUMBER: NICD0520/001-01

To perform specialized mycology tests, contribute to the daily operation of the mycology reference laboratory, assist with surveillance and research projects, support fungal disease proficiency testing schemes and assist with accreditation processes.

Key Job Responsibilities

- Receive and prepare all samples for analysis and carry out all testing procedures in accordance with relevant SOPs within specified TATs
- Responsible for specialized mycology tests for surveillance and research and reference diagnostic purposes
- Manage data required for the efficient functioning of the lab in order to meet statutory and clinical requirements
- Ensure that quality services are supplied to customers by monitoring work, staff and equipment to obtain maximized outcomes
- Maintain safety standards in accordance with OHSA
- Conduct, process and interpret tests in terms of prescribed procedures, monitoring quality at all times
- Verify and report results (interpret where applicable) and ensure that results are delivered timeously
- Undertake to troubleshoot where necessary
- Keep abreast with research in order to make informed decision on existing lab test and technique
- Encourage colleagues on training and development of peers, medical professionals and community health care to ensure the delivery of high lab service standard
- Assist with teaching and training of registrars, scientists and technologists to improve skills related to mycology
- Interpret laboratory findings and complete technical reports
- Maintain records and documentation of test results and patient information
- Operate various analytical equipment for medical microbiological tests
- Monitor, calibrate and maintain devices according to relevant standards. (E.g. Sensititre, Vitek, MALDI-TOF)
- Adhere to quality assurance policies and procedures to ensure the accuracy of laboratory results
- Assist with the laboratory quality management system to ensure the lab complies with SANAS accreditation standards
- Write and review standard operating procedures
- Provide technical support to Lab Technicians, Student Medical Technologists, Registrars, Pathologists and Laboratory Assistants
- Liaise with clinicians, registrars and pathologists for any fungal reference diagnostic referrals
- Perform administrative and procurement duties to ensure the smooth functioning of the laboratory
- Perform additional duties in the department, as per organisational requirements such as, but not limited to laboratory quality representative, fire warden duties, health and safety representatives
- Assist and improve the functioning of the mycology proficiency testing schemes.

Minimum requirements & key competencies

- National Diploma in Medical Technology or Biomedical Technology or BSc in laboratory science
- HPCSA registration as a Medical Technologist in Microbiology or Clinical Pathology
- 1 or more years as a Medical/Biomedical Technologist
- 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 instrumentation
- Knowledge of infection control and sterilization protocols
- Accurate interpretation of 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
- Computer literacy
- Communication Skills (Verbal, written & presentation)
- Time management and evaluation Skills.

Enquiries may be directed to Zinhle Buthelezi @ 011 885 5404, email application to Recruiter1@nicd.ac.za