

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR EMERGING, ZONOTIC AND PARASITIC DISEASES
LOCATION: SANDRINGHAM
POSITION: MEDICAL SCIENTIST (FIXED TERM CONTRACT: 12 MONTHS)
PAY GRADE: ENTRY (MSE)
REFERENCE NUMBER: NICDCDC0319/001-02

This position requires the incumbent to apply specialised knowledge in order to perform tests, conduct research and assist with other laboratory functions in line with the centres strategic objectives, with regard to parasitic diseases of medical importance.

Key Job Responsibilities

- Performs specialised reference parasitology tests so that patients receive the appropriate treatment
- Perform parasitology surveillance functions, including sample processing, data capturing and data analysis, to ensure a comprehensive knowledge is built up about the relevant parasites
- Perform molecular biology tests to enable the laboratory to study parasites in more depth and enhance knowledge and keep abreast with current research
- Perform R&D processes and source funding for projects under supervision to improve laboratory services
- Actively participates in the laboratory's quality management systems to ensure the laboratory produces accurate and reliable results
- Perform administrative, procurement and equipment maintenance duties to ensure the smooth running of the laboratory
- Assists with parasitology quality assessment programmes to help teach and upgrade the quality of laboratories
- Assist with teaching and training offered by the laboratory to ensure that the participants are taught the correct methodology and their knowledge is improved
- Present at research forums, journal clubs and conferences and prepare scientific reports and manuscripts, as necessary.

Minimum requirements and Key Competency

- 4-year Bachelor of Science degree (Honours) in Microbiology
- Registration with HPCSA as a Medical Scientist (Microbiology/Molecular Biology)
- 1-3 years' experience in a research laboratory (microbiology/molecular biology) advantageous
- Good Laboratory Practice and Quality Assurance experience beneficial
- Research methodology
- Scientific writing and presentation skills
- Specific laboratory techniques especially molecular techniques e.g. PCR
- Computer literacy
- Communication skills (verbal and written)
- Troubleshooting skills
- Interpersonal skills
- Data management, analysis and interpretation skills
- Attention to detail
- Ability to work accurately and quickly
- At least 1 scientific research abstract
- Involvement in development and validation of either 1 new diagnostic methodology or significant modification to existing application/procedures
- Presentation at local conferences/research days or forums
- Adherence to quality management systems
- Corrective action logs
- Active participation in maintaining SANAS accreditation.

This post will require that the potential candidate goes through laboratory practicals as part of the selection process.

Enquiries may be directed to Kgaugelo Mkwanazi @ 011 386 6090, email application to Recruiter3@nicd.ac.za