

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution.

COLLEGE OF HEALTH SCIENCES
RESEARCH TECHNICIAN
(1-year fixed term contract)
HIV PATHOGENESIS PROGRAMME (HPP)
SCHOOL OF LABORATORY MEDICINE AND MEDICAL SCIENCES
NELSON R MANDELA SCHOOL OF MEDICINE
CLOSING DATE: Thursday, 30 August 2019
Ref: HPP/NdlovuResTech/Aug2019

The HIV Pathogenesis Programme (HPP) is a multidisciplinary HIV pathogenesis research programme based at the University of KwaZulu-Natal's Nelson Mandela School of Medicine in Durban. The HPP has been involved in studies of HIV-1 immunopathogenesis for over 15 years.

The HPP has a **Research Technician** position available. The incumbent will be required to be highly motivated, meticulous and hard-working and be able to work independently. The incumbents will report to the Laboratory Manager / Research Scientist.

MINIMUM REQUIREMENTS

- BSc (Honours) degree in Biomedical field
- Hands-on experience in general molecular biology techniques, including DNA/RNA extraction, PCR, cloning, sequencing, and tissue culture
- Minimum one-year experience working in a biomedical research laboratory
- Familiarity with biomedical research laboratory procedures and safety requirements
- Good computer literacy (Microsoft Office)

ADVANTAGE

- Hands-on experience with tissue culture techniques
- Experience working with human samples
- MSc degree in a related field
- Experience using Graph Pad Prism

RESPONSIBILITIES

- Assisting senior researcher and team with experiments, quality control and data verification
- Undertake general sample processing of HIV positive blood samples
- Preparation of reagents
- Perform human tissue culture experiments
- Perform molecular experiments including PCR, sequencing and cloning
- Maintenance of equipment and human cell lines
- Participation in the department's various academic activities – journal club, lab meetings, quality improvement meetings and audits, etc.
- Assist with Health and safety checks and evacuation drills of laboratory, as required
- Assist with quality control and data verification
- Provide assistance with health and safety checks
- Training of postgraduate students and new technicians with laboratory techniques
- General housekeeping

The closing date for receipt of applications is Thursday, 30 August 2019. The University, however, reserves the right in special circumstances to accept late applications or to extend the above date in order to facilitate further searches. The selection process will commence in September 2019 and will continue until suitable candidates are appointed or a decision is taken not to fill the posts.

Applicants are required to complete the relevant [application form](#) which is available on the [UKZN vacancies webpage](#). Completed forms (preferably typed) must be emailed to Mrs. Tarryn Tomlinson at leslie@ukzn.ac.za CVs will **NOT be accepted or considered.**

Please quote the advert reference number in your subject line.

Terms of appointment and Selection Process

The post will commence in October 2019 and will be offered on a one-year, fixed term contract. The terms and conditions governing this appointment will be in compliance with those of the University of KwaZulu-Natal.