

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity Plan.

COLLEGE OF HEALTH SCIENCES
RESEARCH TECHNICIAN
(12-month fixed term contract)
HIV PATHOGENESIS PROGRAMME (HPP)
SCHOOL OF LABORATORY MEDICINE AND MEDICAL SCIENCES
NELSON R MANDELA SCHOOL OF MEDICINE
Ref: HPP/RES TECH NDLOVU/Dec2021

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 needs to fill a **Research Technician** position. The incumbent will be required to be highly motivated, organized, meticulous, and hard-working, and be able to work independently. The incumbent will report to researcher and HPP faculty member, Dr Bongive Ndlovu, and the HPP Molecular Laboratory Manager.

MINIMUM REQUIREMENTS

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

RESPONSIBILITIES

- Assisting senior researcher and team with experiments, quality control and data verification.
- Undertaking 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 the laboratory, as required.
- Assist with quality control and data verification.
- Training of postgraduate students and new technicians in laboratory techniques.
- General housekeeping and temperature monitoring of equipment

Enquiries regarding this post and requests for the job profile may be directed to Mrs Tarryn Tomlinson (Grants & Administration Manager), leslie@ukzn.ac.za

The closing date for receipt of applications is **Sunday, 26 December 2021**. 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 January 2022 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 for support staff 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 - HPP/RES TECH NDLOVU/Dec2021- in your subject line.