

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 Human Tissue Processing/Dec2022

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 20 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 the HPP Laboratory Manager.

MINIMUM REQUIREMENTS

- BSc (Honours) degree in a Biomedical field
- Hands-on experience in general cellular biology techniques including processing of gastrointestinal gut-associated lymphoid tissue (GALT) and Lymph Node tissue, Immunohistochemistry and Fluorescence Microscopy, Flow Cytometry, PBMC Processing 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

- Performing experiments, quality control and data verification.
- Undertaking general sample processing of HIV positive samples.
- Preparation of reagents.
- Perform human tissue culture experiments.
- Perform Immunohistochemistry and Immunofluorescence Microscopy.
- Maintenance of equipment and human cell lines.
- Assist with Health and Safety checks, and evacuation drills of the laboratory, as required.
- Training of postgraduate students and new technicians in laboratory techniques.
- General laboratory housekeeping, and temperature monitoring of equipment.
- Participation in the department's various academic activities – Journal Club, lab meetings, quality improvement meetings, and audits, etc.

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

Terms of appointment and Selection Process

The post 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. The position is potentially renewable, depending on availability of funds. The monthly cost of employment for this position will be R17,000 – R17,500, dependent on the experience of the successful candidate.

The closing date for receipt of applications is **Wednesday, 21 December 2022**. 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 2023** 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 Human Tissue Processing/Dec2022 - in your subject line and name your application as your full name and surname, e.g. MARY GREEN.