

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

**COLLEGE OF HEALTH SCIENCES**

**POSTDOCTORAL RESEARCH FELLOW  
HIV PATHOGENESIS PROGRAMME (HPP)  
SCHOOL OF LABORATORY MEDICINE AND MEDICAL SCIENCES  
NELSON R MANDELA SCHOOL OF MEDICINE  
Ref: HPP/MannPostdoc/2025**

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 **Postdoctoral Research Fellow** position available. The incumbent will be required to be highly motivated, meticulous and hard-working and be able to work independently. The incumbent will report to HPP researcher and Associate Professor, Prof. Jaclyn Mann.

The incumbent's areas of research will include:

***Bioinformatics Analysis of HIV-Immune System Interactions:***

Computational and bioinformatics analysis of immune escape in HIV sequences to generate information for contemporary immunogen design, immune-based prophylaxis and treatment. Integration of next generation sequence data with structure-based models.

**MINIMUM REQUIREMENTS:**

- PhD degree in Bioinformatics, Computational Biology, Biomedical Sciences, or a closely related field
- Demonstrated experience in bioinformatics and analysis of sequencing data, particularly in immunology or infectious disease contexts

**ADVANTAGES:**

- Postdoctoral research experience in bioinformatics or computational biology
- High level of English Language competence appropriate for scientific journal article submissions
- Excellent communication skills and ability to work effectively in multidisciplinary and multicultural teams
- Self-directed, highly motivated, and adaptable
- Publications in peer-reviewed journals

**Terms of appointment and Selection Process**

The terms and conditions governing this appointment will be in compliance with those of the University of KwaZulu-Natal. The monthly cost of employment for this position will be R35,000-R36,000, dependent on the experience of the successful candidate.

The closing date for receipt of applications is **21 July 2025**. The selection process will commence in **August** and will continue until suitable candidates are appointed or a decision is taken not to fill the posts. 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.

Applicants are required to submit a detailed CV, highlighting their experience in each of the minimum requirements listed above, together with the name, email address and telephone number of three referees who are available to comment on your acquired relevant experience in relation to the post being advertised. Email your applications to Prof. Jaclyn Mann at [mannj@ukzn.ac.za](mailto:mannj@ukzn.ac.za).

Please quote the advert reference number - **HPP/MannPostdoc/2025** - in your subject line and name your application as your full name and surname\_Mann Postdoc, e.g. MARY GREEN\_MANN POSTDOC.