

**The University of KwaZulu–Natal (UKZN) is committed to Employment Equity with the intention to promote 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**

**NRF Postdoctoral Fellowship**

**2 year's Contract**

**SCHOOL OF MEDICINE**

**REF NO.: EC03**

| <b>Fellowship</b>        | <b>Value</b>   | <b>Duration of Full-Time Study (p/a)</b> |
|--------------------------|----------------|--|
| Post-Doctoral Fellowship | 320 000 ZAR pa |  |

The Extracellular Vesicle (EV) research group under the leadership of Prof I Mackraj seeks to appoint a postdoctoral fellow starting in Feb/March, 2026. The successful incumbent will be required to render effective and efficient technical expertise in implementation and execution of specialized molecular techniques.

Duties will include collection and archiving of samples. One must be able to analyze NGS data, isolate and characterize extracellular vesicles (EVs), perform real time PCR and cell culture with a focus in the area of sepsis and maternal health. The incumbent must be proficient in English and will be required to have a high level of competency in the use of software such as Endnote, and have good interpersonal, communication and writing skills. This position requires an individual who has the ability to pay close attention to detail and the ability to work independently and accurately under pressure. S/he should also have excellent organisational skills. **The incumbent will be involved in supervision of postgraduate students.**

**Minimum Requirements:**

- A high level of proficiency in molecular techniques and as outlined above
- A completed PhD in Medical or Biological sciences in the last 3 years
- A track record of publications in ISI journals

**Advantages:**

- Previous experience in microbial genomics and transcriptomics
- Experience with bioinformatics, and isolation of EVs according to MISEV guidelines
- Bioinformatics

**Please use 'Postdoctoral Fellowship' in the subject line. Please email (1) A letter of motivation against the minimum requirements and advantages, and CV with two referees.**

**The closing date for receipt of applications is 3 Mar 2026**

Applicants are required to submit a CV and letter outlining their suitability which must be emailed to Professor I Mackraj ([mackraji@ukzn.ac.za](mailto:mackraji@ukzn.ac.za)) with the subject line 'Postdoctoral Fellowship 2026.'