

TWO-YEAR FUNDED FELLOWSHIP · APPLICATIONS OPEN

Postdoctoral Fellowship in Cancer Genomics

The Hillel Friedland Fellowship · Sydney Brenner Institute for Molecular Bioscience (SBIMB) · Faculty of Health Sciences, University of the Witwatersrand, Johannesburg

Applications are invited for a prestigious two-year Hillel Friedland Postdoctoral Fellowship at the SBIMB. You will join the Cancer Genetics Group, led by Professor Christopher Mathew, investigating the genetic basis of breast cancer in African populations.



THE RESEARCH PROJECT

“Genetic risk and tumour biology of breast cancer in populations of African ancestry”

You will analyse unique genomic datasets — targeted sequencing of breast cancer cases and controls of African ancestry, and whole-exome sequencing of tumours with matched blood samples — applying bioinformatics and statistical genetics to identify determinants of susceptibility and tumour biology.



WHO CAN APPLY

- PhD in human genetics, bioinformatics or computational biology, awarded within the last five years
- Experience with next-generation sequencing data analysis and genomic variant interpretation desirable.
- Proficiency in R and/or Python, Linux, and high-performance computing (HPC) environments desirable
- A record of peer-reviewed publications and the ability to work in a multidisciplinary team



WHAT WE OFFER

- Two years of funding, extendable subject to performance and available funding
- Dedicated supervision and mentorship within a multidisciplinary institute
- Established international collaborations and large-scale genomic datasets
- Support to publish, present at international conferences and co-supervise postgraduates



HOW TO APPLY

Submit the following through the online application form:

- Curriculum vitae (maximum five pages)
- Cover letter (maximum two pages)
- Academic record and PhD certificate or proof of submission
- Contact details for three academic referees

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APPLICATIONS CLOSE

20 August 2026

[APPLY ONLINE](#) →