

VACANCY	
Job title:	Researcher – SBIMB Laboratory and Biobank (12 Months Fixed Term Contract)
Division	Sydney Brenner Institute for Molecular Bioscience (SBIMB)
Type:	Permanent <input type="checkbox"/> Fixed Term <input checked="" type="checkbox"/> Temporary <input type="checkbox"/>
Main purpose of the job:	Laboratory-based researcher required to manage laboratory activities on the 1000 ONT long-read WGS from the Soweto, South Africa project
Location:	Sydney Brenner Institute for Molecular Bioscience (SBIMB) - 9 Jubilee Road Parktown Johannesburg
Closing date:	27 February 2026
Submit detailed CV to:	Vacancies43@witshealth.co.za
Advert reference number:	SBIMB Researcher
In accordance with our Employment Equity goals and plan, preference will be given to suitable applicants from designated groups as defined in the Employment Equity Act 55 of 1998 and subsequent amendments thereto.	

Key performance areas

- Carry out the required research experiments and laboratory duties (as identified by the Research Team)
- Draft research protocols and the development of SOPs for the project
- Sample Preparation & Processing: Extract DNA, perform quality control (QC), and prepare libraries for PromethION ONT platform.
- Sequencing Run Management: Set up, operate, and maintain the PROMETHION platform
- Protocol Optimisation: Troubleshoot PromethION ONT-based workflow.
- Project Support: Assist with literature reviews, draft research reports, and prepare figures/plots for presentations.

Required minimum education and training

MSc or PhD in a relevant discipline (e.g. molecular biology, genetics, laboratory science) and experience in molecular biology techniques.

Required minimum work experience

Minimum 2 years of laboratory experience. Experience with next generation sequencing platforms is advantageous.

Desirable additional education, work experience and personal abilities.

- Strong organizational skills
- Good communication skills
- Attention to detail and self-motivated
- Ability to work independently and in a team
- Sound knowledge of best practices and lab standards,
- Able to work under pressure and adherence to deadlines
- Follow through on assigned tasks, able to work independently and work as part of a diverse or multidisciplinary team.

Should you be interested in applying for this vacancy, please send an email to vacancies43@witshealth.co.za. The subject heading of the email must read **SBIMB Researcher** and the job title of position applying for. Please include the following documentation:

- A cover letter (maximum one page) that clearly states which vacancy you are applying for
- A detailed CV