

VACANCY	
Job title:	Medical Laboratory Technician (12 months' contract)
Division:	Wits/SAMRC Antiviral Gene Therapy Research Unit (AGTRU)
Type:	Permanent <input type="checkbox"/> Fixed Term <input checked="" type="checkbox"/> Temporary <input type="checkbox"/>
Main purpose of the job:	The candidate will be responsible for carrying out research on optimising lipid nanoparticle (LNP) mRNA formulations that incorporate novel compounds derived from bio-renewable sources. The incumbent will be part of a multidisciplinary team that applies synthetic organic chemistry to develop new mRNA vaccines and therapies.
Location:	University of the Witwatersrand Medical School, 7 York Road, Parktown, 2193, Johannesburg
Closing date:	15 January 2026
Submit detailed CV to:	Vacancies32@witshealth.co.za
Advert reference number:	Medical Laboratory Technician_AGTRU
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

- Experience with working in a molecular biology/biochemistry research laboratory, operating electrical and non-electrical laboratory equipment.
- Familiarity with requirements for work with biohazardous material and working aseptically.
- Experience with mammalian cell culture and animal husbandry.
- Carry out research on optimising lipid nanoparticle (LNP) mRNA formulations that incorporate novel compounds derived from bio-renewable sources.
- Ability to meet reporting deadlines.

Required minimum education and training

- BSc Honours, BSc or Medical Laboratory Technology qualification in Molecular biology, Biochemistry or related fields.

Required minimum work experience

- 1 year practical experience with molecular biology and/or biochemistry research.

Desirable additional education, work experience and personal abilities

- Experience with cell culture will be valuable.
- Written and verbal scientific communication.
- Ability to meet reporting deadlines is another requirement.
- Excellent interpersonal and communication skills.

Should you be interested in applying for this vacancy, please send an email to Vacancies32@witshealth.co.za
The subject heading of the email must read **Medical Research Technician_AGTRU**

Please include the following documentation:

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