



# LABORATORY TECHNOLOGISTS

(12-month contract; Payclass 08)

## Institute of Infectious Diseases and Molecular Medicine (IDM) Faculty of Health Sciences

The Wellcome Centre for Infectious Diseases Research in Africa (CIDRI-Africa) based at the Institute of Infectious Diseases and Molecular Medicine (IDM) in the Faculty of Health Sciences, University of Cape Town, is a multidisciplinary infectious disease research centre, committed to the pursuit of excellence in research, treatment and prevention of HIV and TB in South Africa.

We seek to appoint highly motivated Laboratory Technologist(s) to provide laboratory support for all studies in BSL2 and BSL3 laboratories based at the IDM. These full-time 12 month fixed term (T1) contact positions will be **based at the Wellcome Centre for Infectious Diseases Research in Africa at the IDM.**

### Requirements:

- B. Tech or National Diploma in Medical Laboratory Technology  
**OR** have a BSc (Hons) in Health Sciences (Immunology/ Microbiology)
- At least 2 years' experience in working in sterile Biosafety level 2 and/or level 3 laboratory conditions.
- Willingness to work with samples from patients infected with *M.tuberculosis* and HIV.
- Willingness to work flexible hours/shift work

### Advantageous:

- Masters in health sciences (Immunology/ Microbiology)
- Experience in Immunology;
- Experience in *Mtb* culture techniques;
- Experience in the techniques listed below;
- Clinical laboratory research experience and Good Clinical Laboratory Practice certification.
- Registration with the Health Professions Council of SA as a Medical Technologist or Medical Scientist

### Responsibilities:

- Processing of blood samples which will include:
  - The separation of serum and peripheral blood mononuclear cells (PBMC);
  - The separation of cells from other body fluids (e.g. pericardial fluid cells);
  - Cryo-preservation of separated cells and fluids;
  - Setting up cell cultures for *in vitro* stimulation or infection;
  - ELISA and Luminex
  - Flow cytometry.
- To culture and process clinical research material/ samples in a BSL3 laboratory.
- Maintain laboratory documentation required for sample processing and storage
- Performing general laboratory and equipment maintenance
- Ensure adherence to Health and Safety procedures
- Assisting with consumables stock control
- Collection of clinical samples from NHLS
- Attend laboratory meetings
- Formal duties will not exceed 37.5 hours per week but flexible hours, including late/weekend working, will be required.
- Flexibility to perform new duties in the laboratory as required

The annual cost of employment is between R201 766 to R376 148, depending on experience.

Candidates may make informal inquiries to: Kathryn Wood at [kathryn.wood@uct.ac.za](mailto:kathryn.wood@uct.ac.za)

Effective start date: For appointment as soon as possible or by 01 May 2019.

**To apply**, please e-mail the below documents in a **single pdf file** to Erika Morey at [erika.morey@uct.ac.za](mailto:erika.morey@uct.ac.za):

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Cover letter, and
- Curriculum Vitae (CV)

Please ensure the title and reference number are indicated in the subject line. An application which does not comply with the above requirements will be disregarded as incomplete. Only shortlisted candidates will be contacted and may be required to undergo an assessment.

**Reference number:** E90304  
**Closing date:** 18 March 2019

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UCT reserves the right not to appoint.