



## LABORATORY TECHNOLOGIST (X3)

(Full-time, T1, 12-month contract, Payclass 8)

Division of Immunology

Department of Pathology

Faculty of Health Sciences

The Division of Immunology at the University of Cape Town is seeking three suitably qualified and highly motivated individuals to fill the position of **Laboratory Technologist in Reproductive Immunology Research Centre in Africa (RIRCA)**, for immediate appointment on a 12-month contract.

The laboratory technologist will join our research team which comprises of local and international scientists, clinicians, and medical technologists who are working closely with Maternity Wards of hospitals and clinics throughout the Western Cape, South Africa. The team works in research on mechanisms leading to adverse birth outcomes in South African women with HIV and/or other infectious diseases. As a member of this section of the Division of Immunology, our Medical Technologists will have a key role in ensuring the success of this important initiative. Working with us, will require dedication and flexibility due to the unpredictability of births: Ability to work flexible hours on rotational shift and over the weekend.

### Requirements:

- National Diploma, Bachelor of Technology Degree or Bachelor of Science in medical laboratory sciences or biomedical sciences, in Immunology or a related field.
- At least 2 to 3 years' laboratory experience in cell isolation, cell culture, cryopreservation techniques
- Willing to work with various Human specimens
- Ability to work well in a team.
- Strong organisational skills, attention to detail and immunology laboratory skills.
- The ability to prioritise large volumes of work and meet deadlines efficiently.
- The ability to conduct day-to-day operations of data collection activities in a large research project.
- Good decision making and problem-solving skills.
- Computer skills (MS Word, MS Excel, internet, and email) at intermediate level.
- Should be willing to work late hours, including being on call over the weekends.

### The following will be advantageous:

- MSc in Immunology or a related field
- Previous experience a range of modern immunological and histological techniques, such as immunohistochemistry, confocal microscopy; flow cytometry; mass cytometry (CyTOF), ELISAs etc.
- Computer skills (MS PowerPoint) and Freezerworks or other Laboratory Information System
- Registration with HPCSA or SACNASP
- A valid code 8 driver's license or own transport arrangement.
- GCP or GCLP training

### Responsibilities:

- Perform specialized laboratory techniques related to clinical studies.
- Receive, verify and ensure quality of all laboratory specimens.
- Preparation and processing of samples according to SOPs.
- Writing laboratory SOP's.
- Participating in training of post-graduate students and junior staff in laboratory techniques.
- Assist in maintaining laboratory specimen storage using Freezerworks & management of samples in the biobank.
- Recording of study data according to study guidelines.
- Participate in equipment maintenance and standby duty for responding to alarms.
- Ensure adequate laboratory supplies.
- Provide and present updated relevant information at meetings.
- Assist with sample shipment.

The annual cost of employment will lie between R230,000 and R305,495 depending on experience.

South Africans, Permanent Residents and Non-South Africans in possession of a valid work permit or critical skills permit are welcome to apply.

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

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Cover letter
- 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 regarded as incomplete.

Only shortlisted candidates will be contacted and may be required to undergo a competency test.

**Telephone:** 021 406 6639

**Website:** [www.health.uct.ac.za](http://www.health.uct.ac.za)

**Reference number:** E21129

**Closing date:** 09 February 2021

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UCT reserves the right not to appoint.