



SENIOR TECHNICAL OFFICER (5 year contract)

H3D Drug Discovery and Development Centre Faculty of Science

The Drug Discovery and Development Centre (H3D) at the University of Cape Town, South Africa is seeking to appoint a Senior Technical Officer. The main purpose of this position is to be part of an interdisciplinary translational research team discovering and developing innovative, lifesaving medicines. Specifically work with the H3D medicinal chemists in the chemistry laboratory by doing sample preparation, purification and analysis by means of analytical instrumentation, including LCMS and HPLCs. Furthermore, to ensure that instrumentation in the chemistry laboratories are in good working condition, and to perform routine maintenance or alert supervisor about issues.

Minimum Requirements:

- National Diploma (or equivalent) in analytical chemistry or a related field
- 5+ years' experience actively working with HPLCs, LCMS and troubleshooting analytical and technical problems and method development (this may include internships, apprenticeships or hands on experience during an advanced degree).

Experience maintaining HPLC and LCMS instrumentation will be advantageous.

Responsibilities:

- Scientific support; Independent optimization of separation procedures assays including analysis of problematic samples by LC-MS & HPLC-DAD, and method development in support of the scientific projects; Implementation/application/validation of novel separation procedures; purification of samples by preparative HPLC and providing technical and analytical support to synthetic chemists..
- Technical support; Trouble-shoot technical problems and routine processes; overseeing operation of technical equipment; Maintenance of analytical instrumentation such as fixing leaks and other general issues; Break vacuum and clean source when contaminated; keeping the analytical instrumentation fully operational, including preparation of mobile phases, monitoring waste levels, changing columns, shutting down/starting up the instruments as required etc.
- Organizational support; Management of lab space, Writing Standard Operating Procedures for the use of laboratory instrumentation, stock-take, and obtaining quotations for spare parts required for instrument maintenance, updating maintenance logs, updating asset registry.
- Training and teaching; providing instrument training to staff and students

The annual cost of employment, including benefits, is between R 332 401 and R 391 060.

To apply, please e-mail the below documents in a **single pdf file** to Ms Vathiswa Mbangi at recruitment04@uct.ac.za

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- A letter of motivation
- 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 will be required to undergo a competency test.

Telephone: 021 6501433

Website: www.hr.uct.ac.za

Reference number: E17207

Closing date: 22 September 2017

UCT is committed to the pursuit of excellence, diversity and redress in achieving its equity targets. Our Employment Equity Policy is available at <http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf>

UCT reserves the right not to appoint.