



**DRUG DISCOVERY AND
DEVELOPMENT CENTRE (H3D)**
UNIVERSITY OF CAPE TOWN (UCT)



POST DOCTORAL FELLOWSHIPS IN MEDICINAL CHEMISTRY

Post-doctoral fellowships are being offered in the University of Cape Town's Drug Discovery and Development Centre (H3D) housed in the Department of Chemistry building. The successful applicants will join a consortium that is being funded from various sources with a special focus on conducting integrated drug discovery, specifically integrating medicinal chemistry, drug metabolism and pharmacokinetics (DMPK), and pre-clinical pharmacology. This programme will be under the guidance of senior medicinal chemists within H3D, who will act as mentors and supervisors.

The research focus for these postdoctoral fellowships will be synthetic organic chemistry and medicinal chemistry and, with guidance, you will learn to use and apply data from DMPK and biological studies to design and synthesize potential drug leads for malaria and other infectious diseases.

Period: One year in the first instance, renewable for up to two further years, contingent on satisfactory progress and the availability of funds.

The value of the Fellowship: R300 000 – R350 000 (depending on funding, seniority, and experience).

Knowledge, skills and abilities required:

- The successful applicants must have achieved a PhD degree in synthetic organic chemistry or medicinal chemistry within the past 5 years - and have not yet held any permanent academic posts.
- Candidate must have adequate experience in multi-step organic synthesis and synthetic methodologies as evidenced by track record of publications in reputed international journals.
- The successful applicants must be prepared to comply with the University's approved policies, procedures, and practices for the postdoctoral sector.

Application Process:

A letter of application (stating areas of expertise, research interests and experience), a CV containing a list of publication, a brief summary of research work as well as names/contact details of two academics who have taught, supervised or worked alongside the applicant, copies of academic transcripts should be addressed to Professor Kelly Chibale, Director of H3D, Department of Chemistry & Institute of Infectious Disease and Molecular Medicine, via his assistant Elaine Rutherford-Jones. Eligible and complete applications will be considered by the Director of the Unit and a sub-committee. The successful applicant must ideally be available to commence with the Fellowship as soon as possible. Closing date for applications 30 August 2021.

Email: Elaine.Rutherford-Jones@uct.ac.za

Phone: +27 21 650 5495

Website: <http://www.h3d.uct.ac.za>

The University of Cape Town reserves the right to disqualify ineligible, incomplete and/or inappropriate applications and the right to change the conditions of award or to make no awards at all.