



DRUG DISCOVERY AND DEVELOPMENT CENTRE (H3D)

UNIVERSITY OF CAPE TOWN (UCT)



POST-DOCTORAL FELLOWSHIP IN MYCOBACTERIUM TUBERCULOSIS-MEDIATED DRUG METABOLISM

A post-doctoral fellowship is being offered in the Tuberculosis Biology group of the Holistic Drug Discovery and Development (H3D) Centre at the University of Cape Town, based in the Institute of Infectious Disease and Molecular Medicine (IDM). This fellowship will be under the joint supervision of Prof Kelly Chibale and Dr Vinayak Singh.

This fellowship, offered under H3D's African Drug Metabolism and Disposition initiative will be to work on an **academic** basic science research project investigating *M. tuberculosis*-mediated drug metabolism and the impact on, and influence of, co-administered medicines. The fellow will have an opportunity to be part of an interdisciplinary team working on studying the interaction between pharmaceuticals and the microbiome (pharmacomicrobiomics) with a focus on the African population.

Period: One year, renewable contingent on satisfactory progress and the availability of funds.

The value of the Fellowship: Minimum R300 000 depending on experience.

Knowledge, skills and abilities required:

- The successful applicant must have achieved a PhD degree in Life Sciences/Microbiology/Biochemistry/Biotechnology/Cell Biology/Pharmacology or related field within the past 5 years - and have not yet held any permanent professional posts (specifically as an academic). Preference will be given to applicants with previous experience working with *M. tuberculosis*.
- The candidate should have experience in basic and advanced techniques of Microbiology and/or Biochemistry.
- The candidate should be independent and self-motivated as they will be expected to play a leading role within the project. They will also be required to drive and conclude their work independently, to take initiative and discuss/develop their own ideas including writing well-formulated reports and articles.
- The successful applicant must be prepared to comply with the University's approved policies, procedures and practices for the postdoctoral sector.

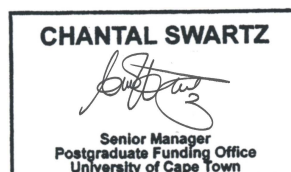
Application Process:

A letter of application (stating areas of expertise, research interests and experience), a CV (no more than two pages), a list of publications, copies of academic transcripts as well as names/contact details of two academic references who have taught, supervised or worked alongside the applicant should be addressed to Professor Kelly Chibale, Director of H3D & Full member of the IDM via his assistant Elaine Rutherford-Jones by the 10th February 2022. Eligible and complete applications will be considered by a sub-committee that will include Prof Chibale and Dr Singh. Short-listed candidates will be invited to present a seminar. The successful applicant should ideally be available to commence with the Fellowship as soon as possible but in any case, by March 2022. In exceptional cases, the start date can be negotiated.

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

Phone: +27 21 650 5495

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



APPROVED

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.

Handwritten signature or initials, possibly 'Alt', in black ink.

PP: Chantel Reed for Chantal Swartz 11.1.2022