



**Postdoctoral Fellowship in TB Vaccine Trial Immunology
South African Tuberculosis Vaccine Initiative
University of Cape Town**

The South African Tuberculosis Vaccine Initiative performs cutting edge clinical, epidemiological and immunological research in clinical vaccine development, TB pathogenesis and biomarker discovery in a setting where TB is endemic. We have completed 31 clinical trials of nine novel TB vaccine candidates as well as BCG vaccine, including two pivotal trials that demonstrated efficacy. We are also leading efforts, along with a large international consortium, to discover immune correlates of vaccine protection against TB.

We are inviting applications for a postdoctoral fellowship within our dynamic clinical immunology group to conduct immunology research on TB vaccines in humans. The project responsibilities will entail design, execution, quality assurance, analysis, interpretation and reporting of immunological outcomes of human clinical trials of novel TB vaccines. The position will be located in Cape Town and will require regular visits to our Clinical Field Site in Worcester, 110km from Cape Town. The position will provide opportunities to work in collaboration with local and global leaders in vaccinology, statistics, systems biology and specialist innate and T cell immunologists.

For more information on SATVI, visit www.satvi.uct.ac.za

The fellowship is initially tenable for two years, but renewal each year will be contingent on annual progress and performance reviews. The amount awarded to the successful incumbent will be valued between R375,000 and R450,000 and will depend on relevant experience and skills. The fellowship is compliant with the rules set by the South African Revenue Service (SARS) and is exempt from taxation and includes no benefits. No direct service will be required in return for the fellowship.

Key requirements

- PhD in immunology, systems immunology or related field, achieved within the last 5 years
- Excellent leadership and communication skills
- Flow cytometry experience
- Demonstrated solid scientific proficiency, creativity, critical thinking ability to collaborate effectively with others, and independent thought processes.
- Authorship of peer-reviewed publications related to immunology or computational biology.
- Ability to handle multiple projects and priorities with exceptional organizational and time management skills.

Desirables

- Skills in the application of computational and statistical analytical techniques with a focus on high-dimensional and multivariate data analysis, working proficiency in R programming
- Experience with clinical trials and good clinical practice
- Excellent knowledge of adaptive and innate immunity
- Excellent knowledge of statistics

The successful incumbent must be prepared to comply with the University's approved policies, procedures and practices for the postdoctoral sector. Applicants may not have previously held full-time permanent professional or academic posts.

Potential applicants are encouraged to contact Prof. Thomas Scriba, Deputy-Director Immunology, by e-mail: thomas.scriba@uct.ac.za prior to application.

Please send: • a letter of motivation • your full CV (no certificates) • a 1-page condensed CV • the names, email and telephone of 3 referees to Mrs. Alison September, a.september@uct.ac.za
Email: a.september@uct.ac.za; Tel: 021 4066791

Closing date for applications: 30 June 2023



APPROVED