



## POSTDOCTORAL RESEARCH FELLOW (24 MONTH CONTRACT)

Centre for Environmental and Occupational Health, UCT, in collaboration with the Division of Immunology, UCT and the Toxicology Section, National Institute for Occupational Health, Johannesburg.

Topic: The interaction of silica particles and *Mycobacterium tuberculosis* in disease pathogenesis and progression – an immunological investigation.

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**Applications are invited for the above-mentioned position, which represents a unique collaboration across the disciplines of tuberculosis immunology, particle toxicology and occupational epidemiology.**

### Requirements include:

- A PhD in Immunology, Microbiology, Virology, Toxicology, Infectious Disease or a related field
- Experience working with models of infectious disease in a research laboratory will be an advantage.
- Evidence of publications/research output in the field of Molecular Biology/Immunology/Infectious Diseases or a related field
- Demonstrated ability to communicate effectively.
- Ability to collaborate effectively and work well in a team
- Ability to work autonomously, under pressure, and to meet deadlines
- Good organizational skills

### Responsibilities include:

- Conduct innovative research in the field of host immune function in the context of Infectious Disease with a particular emphasis on the interaction between silica and tuberculosis.
- (Co)-supervise postgraduate students and more junior staff members' research
- Contribute to administration and management duties
- Publish research findings in peer-reviewed journals.

The annual remuneration package is R205 000/annum + R15 000 for travel expenses

### Application process:

To apply, please e-mail **a comprehensive CV with 3 contactable referees** to Professor Rodney Ehrlich and Professor Muazzam Jacobs, University of Cape Town.

E-mail: [Rodney.Ehrlich@uct.ac.za](mailto:Rodney.Ehrlich@uct.ac.za) Telephone: +27 21 406 6818 (Ms. Faranaaz Bennett)  
[Muazzam.Jacobs@uct.ac.za](mailto:Muazzam.Jacobs@uct.ac.za) Telephone: +27 21 406 6078

**An application, which does not comply with the above requirements, will be regarded as incomplete.**

### General sentence:

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