



## POSTDOCTORAL RESEARCH FELLOW (12 MONTH CONTRACT, RENEWABLE FOR A FURTHER 12 MONTHS)

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.

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

---

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. The PhD should have been obtained within 5 years of registration as a Fellow, or if submitted, must be obtained within 6 months of such registration.
- 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, including in spoken and written English.
- Ability to collaborate effectively and work well in a team.
- Ability to work autonomously, under pressure, and to meet deadlines.
- Applicants should not previously have held any permanent professional or academic positions.

### Responsibilities include:

- Under the supervision of the principal investigators, 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.
- If required by supervisors, (co)-supervise postgraduate research or that of junior staff members.
- Contribute to administration and management duties
- Publish research findings in peer-reviewed journals.

The value of the Fellowship is R265 000 per annum (free of income tax) + R15 000 allowance for travel expenses. The contract is limited to two years.

### Application process:

To apply, please e-mail a **letter of application, comprehensive CV, copies of relevant academic transcripts and the contact details of at least two referees familiar with the applicant's research** 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.

*UCT is committed to the pursuit of excellence, diversity and redress. Our Employment Equity Policy is available at <http://hr.uct.ac.za/policies/ee.php>*

*General information about postdoctoral research fellowships is available at*

*<http://www.uct.ac.za/research/pgfo/about/>*

*UCT reserves the right to disqualify ineligible, incomplete or inappropriate applications, change the conditions of award or make no award at all.*