



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 Telephone: +27 21 406 6818 (Ms. Faranaaz Bennett)
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.