You are invited to apply for a **Research Scientist** post based at the Centre for Lung Infection and Immunity (CLII), Department of Medicine, University of Cape Town. The CLII has an exemplary track record of high-quality publications and research ([https://lunginstitute.co.za/liiu/](https://lunginstitute.co.za/liiu/)). Thus, we will only consider candidates with a strong research track record.

The project involves performing studies to evaluate and develop new tools to (i) determine the infectiousness of TB patients identified through both passive and active TB case finding strategies (ii) develop and evaluate novel tools, including sequencing-based techniques, for the diagnosis of both drug sensitive and drug resistant TB.

**Minimum Requirements:**

- A PhD in Medicine, Microbiology, Biotechnology or related fields.
- At least 2 years of experience in tuberculosis research. Any involvement with projects related to TB diagnostics, drug resistance and/or infectiousness studies would be considered advantageous.
- Experience in bench work and data interpretation in genomics, transcriptomics and bioinformatic analysis. Experience in mass spectrometry would be advantageous.
- Project management and grant writing experience would be advantageous but not critical.
- Advanced analytical skills for large data sets using statistical packages (SPSS, PRISM, R)
- Excellent communication and interpersonal skills.
- Able to work autonomously or as part of a team

**Responsibilities Include (but not limited to):**

- Developing and writing research proposals and manuscripts
- Developing laboratory assays, performing experiments and analysis of generated data.
- Co-assisting with grant writing to international funding bodies (e.g. NIH, Wellcome Trust, EDCTP, etc.)
- Managing the day-to-day operation of large projects
- Co-ordinating with multiple project partners
- Compiling project progress reports to funders

**Application Procedure:**

To apply, please submit an updated CV, covering letter and contact details of two referees to: [pat.wileman@uct.ac.za](mailto:pat.wileman@uct.ac.za).

Applications will only be accepted via email

**Telephone:** 021 404 7654  
**Website:** [www.lunginstitute.co.za](http://www.lunginstitute.co.za)

**Reference (in subject line):** “Research Scientist application-TB infectiousness”  
**Closing date:** 15 January 2020

Only shortlisted candidates will be contacted. Should you not receive a response within 30 days of the closing date, please consider your application to be unsuccessful.

*Please note: This position is not on UCT conditions of service.*