



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

## Post Doctoral Fellowship 2014/2016

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A two year Post Doctoral Fellowship is available at the University of Pretoria related to a dynamic research group (Bacterial Genomics and Host Pathogen Interactions) working on potato plant pests and pathogens. **This project will attempt to profile and elucidate potato plant defences and bacterial virulence mechanisms during the interaction between potato and *Pectobacterium* spp using RNA Seq.** Qualifying candidates with a strong Bioinformatics, Molecular Biology, Plant Sciences, Plant Pathology, Microbiology and/or Biochemistry background are encouraged to apply. The post doc will work in a team consisting of more than 5 MSc and 2 PhD students. The research group is funded by the NRF, THRIP, Potatoes South Africa (PSA), Gauteng Department of Agriculture and Rural Development (GDARD), International Foundation for Science (IFS) and others.

### Duties and responsibilities

The Post Doctoral Fellow will be expected to undertake focused and high quality research, work as part of a team, be involved in grant proposal writing and raising funds, present own work at national and international meetings as well as produce high quality publications. **Effective from June 2014.**

### Contact details

For more information, contact Dr Lucy Moleleki ([lucy.moleleki@up.ac.za](mailto:lucy.moleleki@up.ac.za)). [www.fabinet.up.ac.za/Lucy Moleleki](http://www.fabinet.up.ac.za/Lucy_Moleleki). Interested applicants should forward a letter and full CV (with the names and contact details of three referees) to the above email address.

Research group website: <http://www.fabinet.up.ac.za/index.php/research-groups/bacterial-genomics-and-plant-pathogen-interactions>