

ANIMAL TUBERCULOSIS POSTDOCTORAL RESEARCH FELLOWSHIP DIVISION MOLECULAR BIOLOGY AND HUMAN GENETICS Stellenbosch University

A position for a postdoctoral fellow is available in the **Animal Tuberculosis Research Group**, Division of Molecular Biology and Human Genetics, Department of Biomedical Sciences at the **Faculty of Medicine and Health Sciences, Stellenbosch University**.

This fellowship is suitable for individuals with a background in molecular biology, genetics, and bioinformatics, with a particular interest in whole genome and deep sequencing analyses of mycobacteria, molecular epidemiology of infectious diseases, and the control of diseases of zoonotic importance.

The successful candidate will participate in a range of Animal TB research projects focusing on tuberculosis in wildlife, livestock, and animal-human interfaces, and will assist in the analysis, integration, and interpretation of various datasets.

Responsibilities:

- Contribute significantly to the publication of research outputs by the research group
- Perform supervision duties for postgraduate students within the research group
- Write and submit funding proposals to facilitate sustainability of the research undertaken
- Conduct laboratory and field work as required as part of ongoing research projects

Requirements:

- PhD in a relevant area (Molecular Biology/Biodiversity and Ecology/Biology), **obtained within the past 5 years**
- The successful candidate may not have held any prior academic or professional posts
- Strong written and oral communication skills
- **A background in bioinformatics, with previous work on analyses of RNAseq data, would be an advantage**
- Previous experience working with wildlife would be beneficial but not necessary

Value and Tenure of Fellowship:

The stipend for this Postdoctoral Research Fellowship will be R250 000 per annum. The fellowship is tenable for an immediate start and run until December 2024. An extension may be possible, depending on satisfactory progress and availability of funds.

Application Requirements:

Applicants are required to submit their CV (indicating research outputs), covering letter (indicating area of expertise, research interests and experiences) and the names and up-to-date contact details of three academic referees to: **Prof Michele Miller** (miller@sun.ac.za).

Please note that postdoctoral fellows are not appointed as employees, and their fellowships are awarded tax-free. They are therefore not eligible for employee benefits.

CLOSING DATE FOR APPLICATIONS: April 21, 2023