

Forest Molecular Genetics (FMG) Programme



The Forest Molecular Genetics (FMG) Programme focuses on the genetic control of growth and development in fast-growing plantation trees with a view to enhance biomass production and improve wood properties for timber, pulp, paper, and biomaterials production. We also aim to understand molecular disease resistance mechanisms in trees for woody biomass protection. We are affiliated with the Forestry and Agricultural Biotechnology Institute (FABI), and the Genomics Research Institute (GRI) at UP. We work in close collaboration with South African forestry companies through the FMG Consortium (FMGC) to develop capacity and resources for the application of tree biotechnology in tree improvement programmes.

Position Available:

Description: The **FMG Functional Genomics Technician** will be primarily responsible for running the QuantStudio facility at the University of Pretoria including maintenance of the instrument, managing user accounts, ordering and management of consumables associated with the instrument, organising training sessions for new users and assisting users in designing their experiments and interpreting their results. The technician will also be expected to provide support to FMG students in RNA and DNA extractions, primer design, screening of transgenic plants, cloning and sequencing to facilitate research outputs. This is a full-time position (40 hrs per week).

Requirements: BSc (Hons) in Genetics, Microbiology or Biochemistry with excellent Molecular Biology skills. Proficient in MS Office Suite. Ability to work as part of a team.

Recommended: MSc in Genetics, Microbiology or biochemistry with excellent Molecular Biology skills. Technical work experience is desired.

The closing date for applications is **10 October 2018**. Interviews will be scheduled on an ad hoc basis and the appointment will be made as soon as possible.

Please submit applications (CV and covering letter) to the FMG Administrative Assistant Mrs Thandeka Ngondo, at thandeka.ngondo@up.ac.za, Tel: 012 420 5033

<http://www.fabinet.up.ac.za/index.php/research-groups/forest-molecular-genetics>



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