

The Agricultural Research Council (ARC) is a premier science institution that conducts research with partners, develops human capital and foster innovation in support of the agricultural sector. It provides diagnostic, laboratory, analytical, agricultural engineering services, post-harvest technology development, agrochemical evaluation, consultation and advisory services, food processing technology services as well as various surveys and training interventions. Through its wider network of research institutes and experimental farms, the ARC provides a strong scientific base and a broadly distributed technology transfer capacity to the entire agricultural industry in South Africa.

The ARC-Biotechnology Platform (ARC-BTP) seeks to appoint a highly skilled, experienced and dynamic person to the following positions at Pretoria:

APPLICATION SPECIALIST: BIOINFORMATICS

Key Performance Areas:

- Support the operation of the Bioinformatics unit within the Biotechnology Platform,
- Manage the computational environment of the Biotechnology Platform in terms of an open platform and open source strategy,
- Develop and optimize bioinformatics and data analysis pipelines for next generation sequencing and genotyping data for diverse projects within the mandate of the ARC with special emphasis on precision and turnaround time,
- Provide support for systems management, programming, scripting and database management and LIMS to users of the Bioinformatics Unit,
- Maintain the LIMS, database and other ICT support needed by the Biotechnology research and core facilities units.

Requirements:

- MSc in Bioinformatics or BSc (Hons) in Bioinformatics with 3-5 years' experience in bioinformatics programming,
- Demonstrate appropriate programming and scripting skills, e. g. python, bash, R, etc.,



- Knowledge/Experience in Next Generation Sequencing data is essential,
- Experience working in a core facility environment and ability to interact with clients will be an advantage,
- Ability to interact with clients in a collaborative and consultative role,
- Knowledge and experience in laboratory information management systems (LIMS) will be an advantage.

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CLOSING DATE FOR APPLICATIONS: 24 JUNE 2021

A competitive remuneration package will be congruent with the scope, responsibilities and the stature of the position. The appointment will be subject to a positive security clearance and preference will be given to South African citizens.

Applications accompanied by covering letter, detailed CV (Including certificates, supporting documents, copy of driver's license and nationality. NB: Non-RSA Citizens/work permit holders must attach certified copies) as well as the names and particulars of three (3) traceable referees must be e-mail to: OVICV@arc.agric.za

SAQA evaluation report must accompany foreign qualifications. Incomplete applications will not be considered. Applicants who do not receive any response four (4) weeks after the closing date must regard their applications as unsuccessful. The Agricultural Research Council is an equal opportunity employer and is committed to the principles and processes of Employment Equity. The company has the right not to appoint.

