

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- Onderstepoort Veterinary Research (ARC- OVR) seeks to appoint a highly skilled, experienced and dynamic person to the following positions at Onderstepoort, Pretoria:

SENIOR RESEARCHER - TAD

Salary (R586 283 – R879 422 pa) all-inclusive remuneration package

Key Performance Areas:

- Conduct independent and advanced research in a Biosafety Level 3 laboratory: manages data capture, does advanced analysis, interprets and submits recommendations,
- Compile detailed reports and approve final reports,
- Disseminate research results by presenting oral and poster contributions,
- Publish popular, semi-scientific and peer-reviewed papers in journals with high impact factor,
- Establish and maintain networking opportunities Identify and generate intellectual property,
- Manage projects: initiate, manage and contribute to national/international research projects,
- Manage human resources: identify the need for human resources and manage them,
- Manage project budgets: is accountable for compiling and managing project budget,
- Write and submit research proposals,
- Plan and co-ordinate research activities within multidisciplinary team,
- Identify and manage resource needs,
- Assist with trouble-shooting and implementation of immunological assays and vaccine design required for diseases and animal trials done at the transboundary animal diseases diagnostic laboratory,



- Human capacity development: Develop own capacity at an appropriate level. Identify and participate in own learning opportunities. Supervise or co-supervise students,
- Compliance with SHE/OHS policies and procedures and veterinary Biosafety Level 3 laboratory restrictions.

Requirements:

- PhD in Microbiology; Virology, Molecular Biology or related discipline with 6 years' of academic or biotechnology experience in cellular immunological and vaccine development research,
- Registration with a relevant scientific body is an added advantage,
- A track record in the application of immunological assays based on flow cytometry analysis as well as with other immune assays such as ELISPOT and immune transcriptomics for large animal diseases/models is an added advantage,
- A track record of publications, supervising MSc and PhD students and obtaining research funding is required,
- Experience with working on transboundary animal diseases and established research towards the improvement of veterinary vaccines is an added advantage.

Enquiries: Dr Arshad Mather, Tel: (012) 529-9236

SENIOR RESEARCHER

Salary (R586 283 – R879 422 pa) all-inclusive remuneration package

Key Performance Areas:

- The following duties will be performed and ensure timeous and good service delivery to clients and research collaborators,
- Manage the bacterial serology laboratory and its human and capital resources, including drawing up budgets, reviewing diagnostic prices, approving requisitions and writing deviations, identifying and motivating for capex; do performance appraisals, initiate or be involved in disciplinary matters; compile or contribute to management reports; initiate and attend meetings; resolve operational problems; liaise with stakeholders,
- Verify diagnostic reports and authorise them; liaise with clients; perform tests when necessary; provide guidance on diagnostic approaches and work flow when occasion demands,



- Review and authorise all Quality Assurance (QA) documents and generate some; review and authorise all proficiency test (PT)/inter laboratory test (ILT) reports; organise PT and ILT; read root cause analysis (RCA) reports and monitor compliance with resolutions taken; attend and convene QA meetings and training sessions; validate tests and compile validation reports,
- Ensure compliance with occupational health and safety requirements,
- Build capacity through training others e.g junior technicians, veterinarians, junior researchers, farmers, students etc,
- Mentor/be involved in mentoring students to acquire higher degree qualifications,
- Identify research projects; seek collaborations; source funding; execute research work; present research findings at scientific gatherings; publish research findings; support other people's research.

Requirements:

- BVMCh/BVSc with a Master's degree; Researcher with a PhD in a relevant field,
- A PhD would be an advantage for veterinarians,
- 5 years of experience working as a Senior in Researcher/Veterinarian,
- Registered with the South African Veterinary Council (SAVC),
- A valid driver's license,
- Good Analytical skills, report writing and organizations skills.

Enquiries: Dr A Lubisi, Tel: (012) 529-9117

CLOSING DATE FOR APPLICATIONS: 01 DECEMBER 2022

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.

