



Onderstepoort Biological Products SOC Ltd (OBP), based in northern Pretoria, is a manufacturer of veterinary vaccines and other biological products. OBP is a Schedule 3B Public Entity and is committed to quality products and equal opportunities in employment.

Senior Scientist

Ref:SC5/2025

Closing Date: 07 MARCH 2025

The Senior Scientist shall undertake research in order to create or improve technologies and vaccine products related to veterinary diseases caused by bacterial pathogens.

Main Responsibilities include: *Develop and commercialize new products. *Profile current vaccines against emerging bacterial pathogens * Improve and modify current products as per regulatory requirements and technological changes. *Improve, profile and preserve animal pathogens, cultures and vaccine antigens. * Improve production processes and technologies for bacterial vaccines. *Identify and implement new production, analytical and diagnostic technologies. *Develop and integrate processes and technologies for large scale production. *Continuously improve production equipment efficiencies. *Research, develop and implement new and improved manufacturing technologies for bacterial products. *Transfer technologies seamlessly to internal and external stakeholders. * Provide relevant support services to other business units as per operational requirements (seed stocks, cells, troubleshooting, process auditing, customer complaints investigations and technical information and expert advice). *Keep abreast of current, relevant literature, technologies, and regulatory changes to inform internal product and process development activities). *Identify and secure external funding for OBP's research priority areas. *Develop peer-reviewed technical documents and outputs that advance the scientific outlook of OBP products. *Interact and network with relevant partners to foster a collaborative research environment within OBP terms and conditions. *Ensure compliance to ISO and GLP/GMP/GCP requirements and the Occupational Health and Safety Act (OH&S) and Company Regulations. *Assist with the implementation of ISO and GLP/GMP standards. *Observe and comply with the OH&S Regulations. *Update SOPs. *Oversee master-seed stock management as required. *Oversee allocated projects conducted by researchers. *Supervise business core functions done within R&D (seed stock management, cell stock management, equipment maintenance etc). *Participate in human capital development in fields relevant to OBP (formal supervision of students registered for higher degrees, mentoring of staff and students, development of training needs etc.) * Contribute towards the mitigation of the department's risk profile by implementing sound governance and compliance processes and tools to identify and manage risks.

Minimum Requirements: * PhD degree in Biological or Veterinary Sciences (NQF 10) *5 Years post PhD working experience in Biological sciences research and development environment with the following: *Experience in the animal health research including understanding of vaccine regulatory environment. *Industrial experience in the vaccine development value chain, i.e. discovery, antigen stock characterization and preservation, manufacturing process design, quality control protocol development, product efficacy evaluation, and technology transfer. *Combined knowledge bacteriology, parasitology, and immunology as it pertains to veterinary diseases, vaccine manufacturing and animal health. *Proven track record of having established sufficiently funded collaborative partnerships and networks that yielded commercial products and technologies. *Proven track record in successfully mentoring junior employees and trainees. *Working knowledge of quality management systems of interest to OBP, namely, GCP/GLP/GMP/ISO.

Remuneration: A Paterson Grade D remuneration package will be offered that is commensurate with experience and qualification of the successful candidate.

Suitably qualified candidates should submit their applications on PNET. Only shortlisted candidates will be contacted. Please note that, no applications will be accepted after the closing date.