

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.

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**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.