

Applications are hereby invited for the *Postdoctoral Fellowship* hosted at the North-West University, Faculty of Faculty of Health Sciences.

- We are seeking a truly outstanding individual, who has completed a doctorate in the past five years.
- **You have academic qualifications at PhD level, preferably within one or more of the following areas: physiology, cell biology, biochemistry, or molecular biology.**
- Candidate should have prior documented experience with cell culture, CRISPR/Cas9 gene editing, biochemical techniques (including ELISA, protein purification), western blotting, and qRT-PCR.

**Roles and responsibilities:**

The potential postdoctoral fellow will conduct cutting-edge research in drug design, animal models and biological testing.

Other responsibilities of the post-doctoral fellow will include:

- Supervision of postgraduate students
- Participation in grant writing
- Contribute to teaching
- Contribute to other related research and capacity-building projects at PHARMACEN
- Abide by North-West University's policies, rules and procedures for postdoctoral research fellows and codes of conduct and rules governing research results, research materials, and intellectual property.

**Skills and Requirements:**

- PhD in Biochemistry and be a first author on at least 2-3 publications
- Experience in animal models
- Experience in analytical and preparative scale instrumentation, including different chromatography setups, such as Prep-HPLC-DAD/ELSD, LC-MS/MS, LC-TOF/MS and NMR.
- Demonstrable experience publishing articles in peer-reviewed journals
- Good writing and presentation skills
- Good conceptualisation skills
- Experience in teaching and student supervision will be an advantage

**Expected output:**

- Specific outputs include publication of at least two articles per year in reputable research journals.

**Contact:**

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