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BEHAVIORAL NEUROSCIENCE POSTDOCTORAL RESEARCH FELLOWSHIP DEPARTMENT OF BIOMEDICAL SCIENCES Stellenbosch University

A position for a postdoctoral fellow in Behavioural Neuroscience is available in the Department of Biomedical Science at the Faculty of Medicine and Health Sciences, Stellenbosch University. The successful candidate will have the opportunity to work with the Neuroscience and Pain Research group.

The research focus in the laboratory will be translational neuroscience, the candidate will be expected to work on both animal and human model. The following background will be an advantage; behavioural neuroscience, molecular and circuit mechanisms of trauma (sexual violence), using a combination of behavioural and epigenetic techniques as well immunohistochemical assessment of neurochemical and morphological phenotypes.

Position Description:

The fellowship is tenable for a minimum period of one year, with the possibility of renewal for a second year, dependent on satisfactory progress.

The postdoctoral researcher will be expected to:

- Expertise with immunohistochemistry, molecular biology, and antibody-antigen assay (e.g., ELISA) techniques
- Prior lab experience performing small tissue dissections (e.g., brain regions) and PCR techniques.
- Quantitative and Qualitative statistical analysis skills
- Student supervision duties
- Contribute to the publication of the research group
- Write and submit funding proposals

Qualifications

- Recent PhD or MD/PhD degree with previous training in animal behaviour, neuroendocrinology, molecular biology, or related fields (**obtained within the past 5 years**).
- Self-motivated, evidence of scholarly record, and welcoming of a collaborative environment
- Strong verbal and written communication skills

Application Instructions:

Applicants should send a covering letter, indicating area of expertise, research interests and experience, a CV, indicating research outputs and the names and up-to-date contact details of three academic referees to:

Deadline: 30 September 2021

For further information regarding the fellowship, please contact Dr Lihle Qulu: qulul@sun.ac.za

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