
Postdoctoral Fellowship

Applications are hereby invited for a Postdoctoral Fellowship hosted at the Division of Neurology, Stellenbosch University, Faculty of Medicine and Health Sciences. The successful applicant will conduct research on the genetic characterization of an inherited neuromuscular diseases (NMD) cohort utilizing next generation sequencing (NGS) data. The project is a sub-study of the recently established ICGNMD (see <https://www.ucl.ac.uk/genomic-medicine-neuromuscular-diseases/>), which is an ongoing multinational project with the aim of creating a well-characterized, genotype-phenotype correlated inherited NMD cohort that is therapeutic trial ready. In order to achieve this, the research conducted by the successful applicant will aim to establish a whole exome sequencing-based diagnostic algorithm applicable to the South African context, incorporating in silico panels, unbiased review of WES data, and the use of structural variant (SV) detection tools. The successful candidate will have the opportunity to collaborate with researchers from all ICGNMD participant centres with the potential to participate in additional multicentre research projects.

Requirements: Ph.D. or equivalent (must have graduated within the last five years).
Experience in analysis and interpretation of NGS data, including SV detection tools.

Commencement date: 1 July 2024 (negotiable)

Closing date: 15 May 2024

Enquiries: Prof Franco Henning, Division of Neurology
fhenning@sun.ac.za
Tel: 021 9385500/5994

Send a letter of application, accompanied by a comprehensive curriculum vitae, including a list of publications and the names and contact details of at least two referees, to fhenning@sun.ac.za

Please note that postdoctoral fellows are not appointed as employees, and their fellowships are awarded tax-free. They are therefore not eligible for employee benefits.

Please note:

- Applicants should request their referees to forward confidential reports by the closing date directly to the same address.
- Postdoctoral fellows are not appointed as employees and as their fellowships are awarded tax-free. They are not eligible for employee benefits.
- The University reserves the right NOT to make an appointment if suitable candidates do not apply.
- Note: If the contract is for two years, this will be subject to the availability of funds and satisfactory academic progress (annual performance reviews must be held).