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A postdoctoral position is available in Analytical Chemistry at the Department of Chemistry and Polymer Science, Faculty of Science, University of Stellenbosch.

Project background

The group led by Prof de Villiers focuses on the development of improved analytical methods for the analysis of complex samples, with a major focus on natural products of interest in the South African context. To investigate the chemical composition of these samples in detail, the group adopts advanced chromatographic methods (including multi-dimensional chromatographic methods) hyphenated to mass spectrometry, and recently also ion mobility spectrometry. The successful applicant will therefore be involved in high-level analytical research aimed at shedding new light on the chemical constituents of selected natural products, using both one- and two-dimensional chromatography and advanced mass spectrometry and ion mobility spectrometry.

Period: 6 months (with the possibility of extension for a further 6 months).

The value of the Fellowship: R110,000 (for 6 months).

Key Requirements:

- PhD within past 5 years - and not having held a permanent professional position (specifically in academia)

- Experience in advanced analytical instrumental techniques
- Technical skills in LC-HR-MS, and preferably ion mobility spectrometry
- Proven record of publications in peer-reviewed journals
- Computer literacy and proactive personality.

Application Process:

Send a letter of application, accompanied by a comprehensive curriculum vitae, including list of publications and the names and contact details of at least two referees, to ajdevill@sun.ac.za. Applicants should request their referees to forward confidential reports by the closing date direct to the same address as indicated above. The closing date for applications is **14 July 2021**.

For more information: Please contact Prof André de Villiers at 021 – 808 3351 / Email: ajdevill@sun.ac.za