

Research Assistant for Clinical Mass Spectrometry

SLING, the Singapore Lipidomics Incubator at the National University of Singapore (NUS), invites applications from qualified candidates for the position of a Research Assistant. This is an exciting opportunity to develop and translate mass spectrometry technologies into clinical applications, in a partnership between NUS, Agilent Technologies and National University Hospital (NUH). More information can be found here <https://sling.sg/nusagilenthub/nus-agilent-hub-for-translation-and-capture/>

Job description

The successful candidate would help drive the establishment of a new clinical mass spectrometry service at the National University Hospital and, in doing so, deliver a service that can provide accurate measurement of analytes that require this sensitive and specific methodology, including but not limited to endocrine hormones. We offer a vibrant, multidisciplinary research environment with top-class facilities. A friendly atmosphere and collaborations between different departments at NUS, NUH and with international institutions. You would closely work with a team of clinical and scientific members to meet the responsibilities detailed below.

Responsibilities

- Provide guidance and supervision for the set-up and validation of a number of LC-MS/MS assays for routine clinical use
- Delivery of an accurate, reliable and timely LC-MS/MS diagnostic service that enables optimum patient care
- Oversee the documentation of standard operating procedure for the assay development and deployment in the clinical mass spectrometry laboratory
- Oversee the quality system to ensure the service continues to deliver quality results and meet the needs of clinicians and patients
- Review and summarize the literature for relevant clinical indications and interpretation regarding the new LC-MS/MS assays
- Maintain a culture and environment conducive to high quality medical research
- Through close collaboration with the Research & Development team, investigate possible novel biomarkers that may fulfil an unmet clinical need
- Collaborate with other institutions both nationally and internationally where opportunities of benefit to the Hub arise

Qualifications

- BSc or Master's degree in clinical or life sciences
- At least 3 years of developing and running mass spectrometry-based assays
- Prior experience in clinical laboratory or developing tests that have received regulatory approval is considered a strong advantage

How to apply

The project is headed by Anne K Bendt (NUS) and Loh Tze Ping (NUH). Informal enquiries are welcome. Submit your application including CV, names and contact information of 1-2 references to anne.bendt@nus.edu.sg

This position will be available with immediate effect.