

Position: Research Associate, Proteomics/Mass Spectrometry

Job Code: RA-HG

Description:

We are seeking a highly motivated individual interested in applying proteomic approaches to drug discovery. The successful candidate will be part of a team working on discovery of disease signature proteins and screening drugs using targeted and profiling LC-MS based methodologies. The research associate operates and maintains QTRAP and Ion trap mass spectrometers to generate quantitative proteomics with good understanding of data quality and instrument performance. This individual develops novel assays with Selected Reaction Monitoring (SRM) or Multiple Reaction Monitoring (MRM) analyses suitable for drug discovery. This individual processes biological samples (tissues, plasma, and cultured cells) with subsequent multiplexed TMT stable isotope-based quantitative analysis. He/she writes research reports, maintains high quality documentation of his/her work, and demonstrates ability to expand skills into new technology areas. He/she works in teams comprised of both internal and external collaborators to meet targeted milestones in research programs

Degree level required:

MS degree in analytical chemistry or biochemistry.

Competencies (Knowledge and Skills)

- 5+ year experience in the area of LC-MS.
- Solid background in ESI LC-MS, especially QTRAP and Ion trap mass spectrometry
- Extensive experience with HPLC analysis techniques
- Extensive experience with instrument operations and biological sample processing.
- Extensive experience with SRM or MRM analyses and quantitative proteomics.
- Excellent oral and written communication skills to work in team-orientated and multi-disciplinary environment.