Position Description (Lab Research Analyst I):

Occupational Summary:
Our Core Facility is seeking a scientist with good problem-solving skills and strengths in LC-MS based quantitative analysis, to support large scale metabolomics and proteomics platforms, specifically addressing research needs in cancer, neurodegenerative diseases, infectious diseases, and beyond.

Responsibilities will include:

1) Processing biological samples for metabolomic and proteomic analysis.
2) Quantification and identification of metabolites using triple quadrupole (QQQ) and high resolution (Orbi) mass spectrometry.
3) Keeping and updating inventory for the chemicals and other consumables inside the lab.
4) Development and prosecution of plate-based proteomic workflows focusing on analysis of human cells, tissues and biofluids.
5) Participation in meetings and other communication with investigators and researchers in project planning and experimental design.
6) Contribution to written reports and publications of results in collaboration with investigators on and off the campus.
7) Presentation of ongoing work at group meetings, and critical evaluation of new approaches for metabolomics and proteomics presented in the literature or by others.
8) Performing other tasks and special projects as assigned.

Work requires at least Bachelor ’s degree (higher degree is preferred) in chemistry, biochemistry, biology, or other directly related scientific fields if accompanied by relevant experience depending on nature and depth of experience as it relates to this position. Experimental design/planning, sample preparation, sample analysis using analytical techniques are essential. LC-MS experience and ability to perform data analysis, statistics, bioinformatics, or programming are a plus.