

Metabolomics Staff Scientist

The David H. Murdock Research Institute (DHMRI) is an independent, not-for-profit research organization that performs collaborative and/or contract research for clients in academics, business, industry and government. Our institute is located in Kannapolis, NC on the North Carolina Research Campus.

Job Description

The David H. Murdock Research Institute (DHMRI) is seeking to recruit a Metabolomics Staff Scientist for the Analytical Sciences Group. The Analytical Sciences Group specializes in proteomics, metabolomics and small molecule research, as well as developing customized analytical solutions for ongoing research collaborations. The Analytical Sciences Group is seeking an experienced mass spectrometrist with a background in metabolomics research. This position will focus on the development, optimization and application of metabolite and metabolomic profiling platform technology and procedures.

Job duties include but are not limited to:

- Project management including collaborating with clients to design, execute and interpret metabolomics projects ranging from single metabolite identification to large-scale Metabolomics projects
- Participating in scientific discussions and provide training/demonstrations to clients
- Training and assisting in directing technical staff to support ongoing research projects
- Conducting lab experiments including system maintenance, sample preparation and analysis, QC and interpretation of metabolic data
- Preparing project proposals, technical reports and manuscripts
- Developing SOPs
- Keeping abreast of scientific advances and new technologies and identifying those that may benefit the facility in current and future research projects

Qualifications:

- PhD Scientist with ≥ 1 year post-graduate experience, or a MS with ≥ 4 years of experience in Analytical Chemistry or a Life Sciences field with a focus on Metabolomics studies
- Fully trained in laboratory methods in chemical and metabolic analysis of biological samples generated from human studies, animal models, and plant species; strong quantitative skills are preferred
- Prior experience with GC-MS and LC/MS based technologies is required
- Excellent skills in experimental design, implementation, troubleshooting and data analysis
- Experience managing large metabolomics datasets, including statistical analysis and pathway interpretation
- Detail-oriented and organized, with strong initiative and sense of ownership when driving projects to completion
- Excellent communication skills, the ability to work with others in a collegial team atmosphere and an interest in working in a service-oriented research environment

Equal Employment Opportunity

We are proud to be an EEO/AA employer M/F/D/V.