

Mass Spectrometry Specialist in metabolomics lab (Research Assistant III)

A Research Assistant III position is available in Shuzhao Li's metabolomics Lab at the Jackson Laboratory for Genomic Medicine (JAX-GM), Farmington, Connecticut, USA. The research lab develops innovative applications of metabolomics to immunology and genomic medicine. The current instruments include 1 Thermo Scientific Orbitrap ID-X Tribrid mass spectrometer, 2 Q Exactive HF-X mass spectrometers, 3 Transcend Duo LX-2 LC systems and 1 EASY nLC 1200 UHPLC. Additional instruments are available in the JAX core facility (QE, Fusion, QQQ, timsTOF etc).

Responsibilities

- Maintenance and management of laboratory equipment and supplies
- Sample preparation and LC-MS metabolomics analysis
- Compound identification, contributing to LC-MS/MS libraries
- Management of research projects, quality control, data processing using scripts and automated pipelines
- Development and optimization of experimental protocols
- Serving as an expertise resource to investigators
- Participation in data reporting and publications
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Research Assistant III's may include the training and direct supervision of staff, students and others in performing specific techniques or phases of experiments. Incumbents are required to work flexible shifts that may include evenings, weekends and/or holidays depending on the demands of the research and/or laboratory operations.

Qualifications

- Bachelor's degree in related field and 3-5 years of experience in small molecule analysis. Masters preferred.
- Hands-on experience in LC-MS. Metabolomics/lipidomics experience preferred.
- Strong interpersonal and written and verbal communication skills.

How to apply?

Apply now by visiting our career site at

https://thejacksonlaboratory.wd1.myworkdayjobs.com/en-US/External_JAX/job/Farmington-Connecticut/Research-Assistant-III---Mass-Spectrometry---Li-Lab_JR002718

#LI-CL1

About JAX:

The Jackson Laboratory (JAX) is an independent, nonprofit biomedical research institution with more than 2,400 employees. Headquartered in Bar Harbor, Maine, it has a National Cancer Institute-designated Cancer Center in Augusta, Maine, a genomic medicine institute in Farmington, Connecticut, and facilities in Ellsworth, Maine, Sacramento, California, and

Shanghai, China. Its mission is to discover precise genomic solutions for disease and empower the global biomedical community in the shared quest to improve human health.

JAX employees work in a collaborative, value-driven, and team-based environment where the focus is on advancing science and improving patients' lives. Researchers apply genetics to increase the understanding of human disease and advance treatments and cures for cancer, neurological and immune disorders, diabetes, aging, and heart disease. JAX was voted among the top 15 "Best Places to Work in Academia" in the United States in a poll conducted by The Scientist magazine!

EEO Statement:

The Jackson Laboratory provides equal employment opportunities to all employees and applicants for employment in all job classifications without regard to race, color, religion, age, mental disability, physical disability, medical condition, gender, sexual orientation, genetic information, ancestry, marital status, national origin, veteran status, and other classifications protected by applicable state and local non-discrimination laws.