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**Icahn
School of
Medicine at
Mount
Sinai**

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RESEARCH ASSOCIATE – METABOLOMICS LAB

A position for Associate Researcher is available at the [Icahn School of Medicine at Mount Sinai](#) in New York. Reporting to [Dr. Daniel Puleston](#) and [Dr. Mirela Berisa](#), the successful candidate will join a collaborative team implementing pioneering approaches to study metabolism across health and disease. Joining the Metabolomics Core Lab, you will be involved in all aspects of lab life, using state-of-the-art mass spectrometry approaches to assist in the study of metabolism across diverse indications, including cancer, immunology and microbiology. The successful candidate will work closely with multiple teams of researchers, with the opportunity of advancing scientific knowledge and will play a pivotal role in the day-to-day operations of the lab and running of our cutting-edge mass-spectrometry platform. **This is an exciting opportunity to learn a rare and highly sought after skill set with day-to-day exposure to cutting-edge technology.**

Candidates should hold a Bachelor's degree in the field of cell biology, chemistry, or a related area.

The Mount Sinai Metabolomics Lab is located at the W787 Campus in Manhattan in close proximity to Columbus Circle with access to world-class facilities in a thriving academic center. The school is one of the nation's leading medical schools, ranked in the top 20 schools for NIH funding. As a lab, we want to ensure you are joining a stimulating, warm, and diverse environment; one in which you feel comfortable and able to maximize your potential. We are committed to your personal and professional development and will provide the necessary support for you to achieve your future aspirations whilst helping you expand significantly upon your current skill and knowledge set. Interested applicants should contact mirela.berisa@mssm.edu and/or daniel.puleston@mssm.edu

Responsibilities

- Collaborate with research team members to design and execute experiments
- Contribute to the preparation of research reports, presentations, and scientific publications.
- Participate in laboratory meetings, seminars, and training sessions to enhance scientific knowledge and skills.
- Contribute to the development and optimization of experimental protocols and methodologies.
- Conduct day-to-day operations and maintenance of laboratory equipment and facilities, ensuring they are in optimal working condition.
- Execute sample preparation protocols for analysis by LCMS and GCMS
- Maintain accurate and detailed laboratory records
- Stay updated with the latest advancements in metabolism research techniques, implementing innovative approaches when applicable.

Qualifications

- BS/BA
- Excellent bench or instrument skills, with the ability to operate and maintain multiple laboratory equipment effectively.
- Detail-oriented with excellent organizational skills and the ability to multitask effectively.
- Strong problem-solving skills and the ability to troubleshoot technical issues independently.
- Excellent communication and interpersonal skills, fostering collaboration and effective teamwork.
- Experience with bioinformatic analysis, metabolic assays and/or mass spectrometry is advantageous, but not essential.