Research Technician – Metabolomics Core

Van Andel Research Institute (VARI), a leading independent biomedical research facility, is dedicated to determining the epigenetic, genetic, molecular and cellular origins of cancer, Parkinson’s and other diseases, and translating those findings into effective therapies. The Institute is home to more than 200 scientists and support staff that work in on-site laboratories and in collaborative partnerships that span the globe.

VARI has recently established a Metabolic and Nutritional Programming group in the Center for Cancer & Cell Biology, with the goal of improving health through prediction, prevention, diagnosis, and treatment. Integral to this is the new Metabolomics Core facility that uses state-of-the-art instrumentation to deliver leading edge metabolite profiling and stable isotope tracer analysis to VARI investigators. As a Research Technician in the Metabolomics Core you will work on research projects in the following areas:

- Cancer biology
- Epigenetics
- Immunology
- Neurobiology
- Metabolism

The Metabolomics Core is seeking a Research Technician as an integral member of our team. You will be an excellent fit for this position if:

- Conducting state-of-the-art mass spectrometry analysis excites you
- You desire to gain a deeper understanding of metabolism in biology
- You enjoy working on multiple projects covering a range of disciplines
- You can follow standard operating procedures with high precision and reproducibility, but are always seeking new ways to improve them
- You are curious, not afraid to try new techniques, and think “outside-the-box” to solve problems.

To join our team, you will need to have at least:

- Bachelor’s of Science in Chemistry, Analytical Chemistry, Biochemistry, or related discipline.
- Demonstrable written and oral communication skills

It is highly preferred you have:
Two (2) years’ experience in a research laboratory, especially with direct experience in HPLC, LC/MS and/or GC/MS

Additional helpful skills and/or abilities include:

- A strong work ethic and excellent interpersonal skills
- Ability to work independently and as an active member of an integrated team
- Ability to take direction from group leader
- Ability to write and adhere to standard operating procedures

EXPECTATIONS

The following expectations should be met within the first 3 months.

- 1 month – Develop a solid understanding of sample processing workflows, analytical platforms, and data acquisition.
- 3 months – Demonstrate competency to independently intake Core samples and carry them through processing and data acquisition. Begin developing data analysis skills.

HOW TO APPLY

If you possess these attributes and enjoy working with motivated and driven people, we would welcome speaking with you and encourage you to apply today at http://bit.ly/VARIMetabolomics!

- A cover letter describing your research experience and a time you took a novel approach to solve a problem.
- An up-to-date Curriculum Vitae.
- A list of 2-3 individuals who have agreed to act as references along with their contact details.

Please contact Megan Doerr (megan.doerr@vai.org) for further information or questions, or if you have any difficulty with the application process.

VAI is actively striving to diversify its workforce and strongly encourages qualified individuals from underrepresented groups to apply. Van Andel Institute is an EEO and Affirmative Action Employer

About Grand Rapids, MI

Van Andel Research Institute is located in downtown Grand Rapids, MI which is the second largest city in Michigan and the largest city in West Michigan. Grand Rapids offers a remarkable combination of cosmopolitan atmosphere and small town warmth, known for its philanthropic and sustainability-driven community, and is ranked one of "America's Top 100 Places to Live."
Located on the banks of the Grand River, Grand Rapids offers all the big-city excitement you would expect from a million-resident metropolis, featuring hundreds of restaurants and nightspots, theaters, museums, sports and concerts. The safe and clean downtown is surrounded by an eclectic mix of walk-able neighborhoods.

With a medical and life sciences industry boom, strong entrepreneurial activity, dedication to green building and living, and innovative employers, Grand Rapids' diverse economy continues to grow, offering endless career opportunities.