

Principal Scientist, Metabolomics

Job ID
REQ-10060329

9月 02, 2025

USA

摘要

We are looking for an enthusiastic, curious, and highly motivated individual with experience in metabolomics and bioanalytical LC-MS to join our Translational Profiling group within the Discovery Sciences department in Cambridge, MA. Our Translational Profiling group is a global team of experts in proteomics, metabolomics, lipidomics, super-resolution microscopy, and data science, with locations in Basel, Switzerland, and Cambridge, MA.

As a metabolomics/bioanalytical LC/MS expert you will play a key role in advancing our cutting-edge research and drug discovery programs as well as driving the evaluation and implementation of innovative technologies. This role involves collaboration with scientists and project teams across five major disease areas, all dedicated to creating and delivering transformative therapeutics to patients worldwide.

About the Role

Internal Job Title: Principal Scientist I

Position Location: onsite, Cambridge, MA

Your responsibilities will include:

- Collaborate with project partners to design and execute analytical studies that will address the key scientific question experiments of that drug discovery program.
- Lead and participate in high impact lipidomics and metabolomics projects within drug discovery programs, spanning from early research to patient translation.
- Championing innovative technology and cross-disciplinary initiatives for biomedical research, including state-of-the-art analytical methodologies to augment the group ' s technology portfolio and capabilities
- Developing and optimizing tools for understanding metabolism and transport, identify disease-associated lipid markers, studying metabolic flux to enable next-generation therapies for patients.
- Maintain a state-of-the-art lipidomics and metabolomics technology platform by staying current with external technology developments and aligning with internal project requirements and application priorities.
- Execute all aspects of an analytical study including sample preparation, LC-MS analysis, to data processing and analysis.
- Document your work using our internal documentation system.
- Present the key outcomes of experiments to the project team and plan follow-up steps to further advance the project.
- Develop and implement new LC-MS methods based on project needs.
- Contribute to the assessing and implementing state-of-the-art analytical methodologies to augment the group ' s technology portfolio and expand its abilities to elucidate the role of metabolism in diseases and the response to therapeutics.

Minimum Requirements:

- A Ph.D. in analytical chemistry, biochemistry, or related field with a minimum of 2+ years of postgraduate experience, Or an MS or BS degree with 10+ years ' experience in pharma/biotech.
- Expertise in biological mass spectrometry and metabolomics including but not limited to the following key areas: quantitative targeted/multi-targeted LC-MS analyses of endogenous small molecules, i.e., metabolites and lipids; metabolic profiling of samples originating from complex biological matrices, such as cell culture, biofluids, and organ tissues.
- Expertise in sample preparation and extraction protocols from different cell types, tissues and biofluids of animal or human origin to generate material for mass spectrometric analysis of endogenous small molecules.
- Demonstrated diligence documenting experiments, data and results in electronic lab journal or laboratory information management systems.
- Critical and creative problem-solving skills with independent thinking.
- Excellent communication and presentation skills for multidisciplinary audiences across various seniority and expertise levels.

- Excellent interpersonal skills to work in a collaborative, matrix environment, fostering partnerships across functional teams. You are curious, readily speak up and share results within and beyond project teams, acting as inspirational role model to others.

The salary for this position is expected to range between \$103,600 and \$192,400 per year.

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

To learn more about the culture, rewards and benefits we offer our people click [here](#).

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

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Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

部门

Biomedical Research

Business Unit

Universal Hierarchy Node

地点

USA

状态

Massachusetts

站点

Cambridge (USA)

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work
No

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