

Peptide Purification Lead, Analytical and Separations Group

Job ID
REQ-10053577

6月 04, 2025

USA

摘要

The successful applicant will be a leader in our Separations team responsible for delivering compound purification and driving the development of innovative, robust, and efficient purification processes and technologies essential for the advancement of our diverse and extensive drug discovery portfolio.

About the Role

Internal Job Title: Principal Scientist II

Position Location: Cambridge, MA onsite #LI-onsite

About the Role:

Global Discovery Chemistry Organization, working across all disease areas at Novartis BioMedical Research, is seeking a creative and curious analytical chemist with expertise in separation sciences to join the Global Discovery Chemistry (GDC) Analytics and Separations Group in Cambridge, MA. Here, we value your ideas, personal growth, and career aspirations; you will be surrounded by and learn from colleagues across multiple subject areas; you will have opportunities to explore innovative science and technology to enable and contribute to the next generation of transformative medicines.

In partnership with discovery chemistry, our Separations Team tackles the ambitious task of purifying and characterizing a wide range of compounds, from traditional small molecules to novel conjugated biotherapeutics. Our team is dedicated to leveraging automation, instrumentation, and software technologies to continuously enhance our separations platform. We are seeking a highly motivated, passionate scientist with a strong background in separation sciences to investigate and provide solutions to purification challenges. You will work alongside other experts in an interdisciplinary environment where our mission is to deliver the next wave of innovative medicines and advance the field of pharmaceutical research. We value people who possess a can-do attitude and out-of-the-box thinking.

The successful applicant will be a leader in our Separations team responsible for delivering compound purification and driving the development of innovative, robust, and efficient purification processes and technologies essential for the advancement of our diverse and extensive drug discovery portfolio.

Your Key Responsibilities Include:

- Designing, implementing, operating and managing the peptide purification workflow and purification team. Being responsible for research laboratory management and planning, prioritizing projects and workload, serving as a scientific and technical expert and advisor, and maintaining a culture of innovation and project enablement. Additionally, the role involves preparing scientific and technical reports, delivering oral presentations, and publishing externally.
- Collaborating closely with medicinal and synthetic chemists and separation scientists to develop and deliver automated purification platforms and strategies within the drug discovery portfolio, while driving advancements in analytical and separation technologies. Developing custom separation and analytical methods to address analytical challenges across various disease areas and modalities.
- Establishing and leading innovation projects aimed at enhancing purification and analytical technologies as well as optimizing workflows and process efficiencies.
- Applying a diverse range of analytical and preparative chromatographic instruments and technologies including HPLC-MS, SFC-MS, NP-HPLC, flash chromatography and preparative SFC.
- Using additional analytical methods and automation technologies to augment analytical and separations capabilities and overall efficiency.
- Using a wide range of software supporting chromatographic processes including data analysis and process automation.

Minimum Requirements:

- Ph.D. with 4+ years of related proven experience in the biopharmaceutical industry, Master's degree with 10+ years of industry experience, or Bachelor's degree with 15+ years of industry experience.
- Extensive expertise in modern chromatography methods, technologies, and a strong background in preparative HPLC and SFC purifications.
- Demonstrated experience with software and hardware automation of purification processes.
- Established scientific reputation in separation sciences, demonstrated through external publications and presentations.

Desirable Requirements

- Demonstrated experience with data science for chromatography and analytical sciences

The salary for this position is expected to range between \$114,100 and \$211,900 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.

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>

EEO Statement:

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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.

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Biomedical Research

Business Unit
Pharma Research

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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