

Peptide Purification and Automation Expert

Job ID
REQ-10053205

5月 27, 2025

Switzerland

摘要

#onsite

Location: Basel, Switzerland

Level: Principal Scientist II or Senior Principal Scientist

Full time, onsite

At Novartis, we are reimagining medicine to improve and extend people's lives. We use innovative science and technology to address some of society's most challenging healthcare issues. We discover and develop breakthrough treatments and find new ways to deliver them to more people. How can we continue to advance our science to help patients in need? We believe the answers are found when curious, courageous, and collaborative people are empowered to ask new questions, make bolder decisions, and take smarter risks.

In Global Discovery Chemistry (GDC) in Basel, Switzerland, we are at the core of Novartis' purpose. We are looking for a highly motivated and independent scientist with strong expertise in parallel purification and automation. You will be complementing our existing team of separation and analytical experts with your passion and experience in designing and implementing integrated and automated workflows for the purification of new and emerging modalities. The successful candidate will

understand projects in the context of the overall process and will be integral to their success by taking a leadership role in providing customized solutions, thereby directly contributing to the discovery of new medicines!

About the Role

Your responsibilities will include, but are not limited to:

- Develop, implement, and oversee innovative solutions and workflows to advance parallel purification and analytics platforms that support diverse chemical modalities, including peptides, oligonucleotides, and low molecular weight (LMW) compounds
- Implement and maintain robust, scalable, high-throughput purification platforms for peptides and additional modalities at different scales and with associated analytical processes
- Refine and optimize ongoing library purification workflows. Collaborate with cross-disciplinary teams and external partners to adapt equipment and processes in response to changing needs.
- Work closely with cross-site and cross-functional partner groups to support harmonized digital workflows, hardware setups, and data integration. Drive data standardization and advance capabilities for active learning
- Lead and mentor a team of experienced scientists. Cultivate an environment of professional growth and scientific excellence, empowering team members to develop and deliver impactful results
- Anticipate emerging trends and future needs in automation solutions for purification and analytics. Drive forward-thinking strategies by working closely with chemists and project teams to enable cutting-edge solutions aligned with GDC 's evolving priorities
- Serve as a subject matter expert within the organization by sharing domain-specific expertise, introducing novel techniques, and fostering creativity and resourcefulness. Contribute to shaping the group ' s strategic vision and future
- Actively participate in global internal and external scientific communities through presentations, publications, and professional networking

What you will bring to the role:

- Science or engineering degree (PhD or Master ' s) and at least 5 years of post-degree experience in automation and purification, ideally in a drug discovery setting
- State-of-the-art knowhow and recent hands-on experience in implementing automation solutions, including digital workflows (software/hardware), troubleshooting hardware systems, and proficiency with current data workflow and analysis software packages
- Demonstrated expertise in peptide purification; experience in oligonucleotide and low molecular weight compound processing is highly desirable
- Hands-on experience with Laboratory Information Management Systems (LIMS) to manage workflows, data tracking and analytical reporting in a high-throughput environment
- A track record of coaching, mentoring, and leading a team of scientists as well as in establishing and driving cross-site and interdisciplinary collaborations
- History of initiating and driving projects independently to completion, with strong organizational skills and attention to detail

- Exceptional collaboration and communication skills, ability to work effectively within a matrixed organization and build consensus across diverse teams and stakeholders
- Strong connections within external networks in the parallel purification and automation community are highly desirable
- Proficiency in English (written and spoken) is required

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: <https://www.novartis.com/about/strategy/people-and-culture>

Commitment to Diversity and Inclusion:

Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to diversity.inclusionch@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here: <https://talentnetwork.novartis.com/network>

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>

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Business Unit

Pharma Research

地点

Switzerland

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Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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