

Senior Principal Scientist - Proteomics

Job ID
REQ-10065067

10月 17, 2025

Switzerland

摘要

Location: Basel, Switzerland
Full time, onsite, #Li-Onsite

We are looking for an enthusiastic, curious, and highly motivated proteomics expert to join our Translational Profiling (TP) team in Basel. TP is a global group of experts in proteomics, metabolomics, lipidomics, super-resolution microscopy, and data science, within Novartis Biomedical Research at our sites in Basel, Switzerland, and Cambridge, US.

About the Role

As a Senior Principal Scientist, you will lead a proteomics lab team, play a pivotal role in advancing our cutting-edge technologies and contribute to our global proteomics strategy, including fostering external innovation. This role involves collaboration with scientists, project teams, and five disease areas across Novartis Biomedical Research, all dedicated to creating and delivering transformative

therapeutics to patients worldwide.

Key Responsibilities:

- Initiate, lead, and oversee high-impact proteomics analyses within drug discovery programs, spanning from early research to translational studies with patient material.
- Initiate, lead, and contribute to interdisciplinary research programs in a collaborative and matrixed environment, working across internal cross-functional groups and with external partners.
- Maintain a state-of-the-art proteomics technology platform by staying current with external technology developments and aligning with internal project requirements and application priorities.
- Champion innovative technology and cross-disciplinary initiatives for biomedical research, enabling novel applications of proteomics technology e.g. low input and spatial proteomics.
- Coach and mentor junior scientists, support project teams, and facilitate the work of direct/matrix reports and key collaborators within the functional community.

Essential Requirements

What you will bring to the role:

- PhD in biology, biochemistry, or a related discipline, with at least 5-8 years' postdoctoral experience in proteomics applications in biomedical research and/or Industry experience within the pharmaceutical industry.
- Extensive knowledge of and experience with proteomics approaches and technologies, with key applications in biomedical and translational research as demonstrated by a strong publication record and significant contributions to the proteomics field.
- Good data science skills and a good understanding of biostatistics principles.
- Proven ability to lead a cross-functional team in a matrix environment.
- Collaborative, innovative mindset with the ability to adapt quickly to a dynamic, fast-paced, multi-disciplinary research environment.
- Exceptional communication and presentation skills for multidisciplinary audiences across various seniority and expertise levels.

Desirable skills:

- Experience with pathway analysis and multi-omics data integration and knowledge of advanced data science approaches, including hands-on experience in Python and/or R.

- Experience in translational research

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 inclusion.switzerland@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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>

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部门

Biomedical Research

Business Unit

Pharma Research

地点

Switzerland

站点

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



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