

Senior Scientist - Integrated Translational Research – Bioanalytics in Immunology (80-100%*)

Job ID
REQ-10019633
Aug 20, 2024
Switzerland

Summary

We seek a Senior Scientist with in-depth expertise in Liquid Chromatography-Mass Spectrometry to join the Immunology Department within Novartis Biomedical Research in Basel, Switzerland. You will generate novel data that increases our biological understanding of emerging immunology targets and elucidate the mechanism of action at the molecular, cellular and more complex ex vivo level. You will be responsible to plan, execute and document experiments independently and to efficiently manage and maintain a functional laboratory, technical equipment and tools, as required for best practice and in-line with Health Safety and Environment guidelines.

About the Role

Key Responsibilities:

- Plan and perform mass spectrometry-based assays to support target validation, mechanism-of-action, and drug discovery projects
- Maintenance and troubleshooting of liquid chromatography-mass spectrometry (LC-MS) systems
- Prepare samples (pre-clinical and clinical) from a variety of different biological matrices (cells, biofluids, and tissues) for quantitative LC-MS of drug candidates, small molecules and proteins
- Develop and implement LC-MS analysis workflows, including both sample preparation and targeted MS methodology
- Analyze data and present results to the lab and to project teams
- Accountable for increasingly complex experiments

Minimum requirements:

- BSc/MSc in natural science - analytical chemistry, biochemistry, biological sciences, or related fields with relevant initial professional experience or an equivalent education with several years of professional experience in LC-MS (hands-on mass spectrometry experience is a must)
- Sound knowledge of LC-MS, e.g. triple quadrupole instrumentation
- Knowledge of a variety of sample preparation techniques of biological matrices (e.g. liquid liquid extraction, solid phase extraction, proteomics sample preparation, metabolite extraction)
- Demonstrates flexibility and willingness to learn new skills and core competences in mass spectrometry
- Self-motivated and an excellent team player, who demonstrates good communication skills and creative problem-solving capabilities, and enjoys working in a collaborative team-oriented environment
- Well-organized, show initiative, positive attitude, commitment, and flexibility
- Computational data analysis skills (coding is a plus)

Languages:

- Fluent in English
- French or German is an advantage

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?

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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.

Division

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland

Site

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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