

Expert Science & Technology (Oligonucleotide Synthesis)

Job ID

REQ-10053963

Jun 18, 2025

Switzerland

Summary

Location: Basel, Switzerland

Role Purpose:

Design, plan, perform, interpret and report results of scientific experiments for the preparation and timely delivery of drug substances (DS), drug products (DP), processes and procedures within a multifunctional project team coordinated by a Project Leader. Manage technical lab/plant activities.

About the Role

Your responsibilities include, but are not limited to:

- Developing efficient and scalable oligonucleotide processes for relevant projects within the Novartis portfolio, across various scales.
- Contributing to the Oligo team by developing and optimizing synthesis and purification methods used in process R&D.
- Generating and documenting reliable data to support oligonucleotide process development.
- Investigating diverse approaches to oligonucleotide synthesis and evaluating their potential using cutting-edge automated platforms.
- Ensuring the application of state-of-the-art technologies in all development activities.
- Utilizing laboratory resources efficiently to maximize productivity.
- Upholding high standards of laboratory and process safety.
- Co-authoring documentation required for process transfer to pilot plants.
- Acting as a consultant for troubleshooting during manufacturing campaigns.

What you'll bring to the role:

- A completed Master's degree in Organic Chemistry is an advantage.
- Industrial experience with a focus on oligonucleotide synthesis.
- Hands-on experience in operating and maintaining state-of-the-art equipment, including oligo synthesizers, tangential flow filtration (TFF) systems, chromatography units, and lyophilizers.
- Advanced experience in programming methods for synthesizers and chromatography systems.
- Proficiency in common analytical techniques for oligonucleotides, including liquid chromatography (LC) and mass spectrometry (MS).
- Fluency in English.

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 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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Division

Development

Business Unit

Innovative Medicines

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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