

Master Postgraduate in Chemistry/ Biotechnology or Biochemistry

Job ID

REQ-10033896

Dec 16, 2024

Switzerland

Summary

The Biologics Research Center (BRC) mission is to create new modalities, such as multispecific proteins, adeno-associated viruses or oligonucleotide conjugates to tackle complex biology and enable the production of quality biotherapeutics, which translate innovative ideas of Biomedical Research investigators into medicines.

About the Role

To advance the siRNA-protein conjugate platform we are looking for a talented person to join the Bioconjugation and Analytics lab of BRC in Basel. You have collected hands-on technical laboratory experience during your studies and have the desire to work in a highly technical role within an interdisciplinary team? During the internship, you will be gaining theoretical and practical experience on the bioconjugation and downstream processing of different siRNA protein conjugates. You will be trained to run established physchem analytics, respectively to develop new analytical methods assessing the quality, stability and biophysical properties of siRNA protein conjugates.

Preferred start date: 1st of March 2025

Duration: 10 months / until end of 2025

Your responsibilities will include:

- Hands on conjugation using different proteins, linkers and siRNA
- Performance of physico-chemical characterizations using state-of-the-art analytical equipment including HPLC/UPLC systems and electrophoresis
- Support establishment of novel analytical methodologies
- Processing of data, results interpretation and preparation of summary documents and reports including poster presentations at the end of internship
- Learning on the job, independent literature search and elaboration/ proposal of new concepts

What you'll bring to the role:

- Recent Master of Science in Biochemistry, Biotechnology, Chemistry or related discipline; without work experience after graduation
- Languages: Proficiency in English (oral and written)
- Solid theoretical knowledge of protein and conjugation chemistry and analytical methods

- Practical experience in the field of liquid chromatography during your studies is of advantage
- Good organizational and planning skills
- Problem-solving oriented and working skillfully
- Team player attitude, interest in drug discovery

Please submit a cover letter that includes your motivation for the position and from when you will be available. Thank you.

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.inclusion_ch@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

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Others

Job Type

Full time

Employment Type

Early Career (Fixed Term)

Shift Work

No

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