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306555BR

Postgrad in Biologics Characterization

Job Description

6000! That's the number of associates in the Novartis Institutes for BioMedical Research (NIBR). This division is the innovation engine of Novartis, focusing on powerful new technologies that have the potential to help produce therapeutic breakthroughs for patients.

NIBR Biologics Center (NBC) is responsible to create new Biologics entities ranging from monoclonal antibodies to AAV molecules, and to ensure their fitness to requirements that a drug must fulfill. We are looking for a highly motivated candidate who has recently graduated from Master study. The role of the postgraduate is to develop an analytical assay that is able to characterize the integrity of biological products in complex sample matrix (eg. Cell lysate, captured material, etc.). The candidate will have the opportunity to develop a technology supporting the development of novel modalities for biotherapeutics. He/She will work with state-of-art mass spectrometry (MS) instrumentation, get to learn the process of cell line development, as well as the chance to work in a team of passionate protein scientists, together to tackle challenges in biological development.

Your responsibilities include, but are not limited to:

- Development of novel mass spectrometry methods for the characterization of biotherapeutics
- Optimize workflow for the extraction, enrichment and quantification of biological products
- Develop data processing workflows with mass spectrometry software (UNIFI, Genedata Refiner MS) • • •
- Writing of report and the laboratory protocols
- Maintain lab equipment if needed
- Duration 12 months
- Planned start date 15 January 2021



Minimum requirements

What you'll bring to the role:

- Entry-level specialist, delivering support to local/ global sub-functions Biologics & Advanced Therapies
- MSc or equivalent education in analytical chemistry, biochemistry, biotechnology or a related discipline
- Solid theoretical knowledge of protein chemistry and analytical methods for characterization of proteins •
- Practical experience of protein analysis method, mass spectrometry (MS) preferred
- Independence, curiosity mind set, as well as good communication and organizational skills are required.
- Fluent in English in written and oral

799 million. That's how many lives our products touched in 2019. And while we're proud of that fact, in this world of digital and technological transformation, we must also ask ourselves this: how can we continue to improve and extend even more people's lives?

We believe the answers are found when curious, courageous and collaborative people like you are brought together in an inspiring environment. Where you're given opportunities to explore the power of digital and data. Where you're empowered to risk failure by taking smart risks. And where you're surrounded by people who share your determination to tackle the world's toughest medical challenges.

We are Novartis. Join us and help reimagine medicine.

Division

NIBR

Business Unit

BIOTHERAPEUTIC AND
ANALYTICAL TECHNOLOGIES -
NIBR

Org Unit / Department

Characterization

Country

Switzerland

Work Location

Basel

Company/Legal Entity

Novartis Pharma AG

Functional Area

Interns/Students on Novartis Payroll

Job Type

Full Time

Employment Type

Internship

Job Band (GJFA Band)

N

Recruiter

Ulrike Podschadly

Hiring Manager

Francis Bitsch

Shift Work

No

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