

Postgraduate Biologics Development USP

Job ID
REQ-10028189
Oct 31, 2024
Switzerland

Summary

In order to advance our diverse development pipeline of biopharmaceutical products we are looking for a postgraduate scientist in the field of cell culture process development to support the improvement and intensification of cell culture processes as well as the exploration of new technologies for therapeutic protein manufacture.

About the Role

Major accountabilities:

- Support the development of efficient, high-yielding, robust and scalable fermentation processes for new biological entities
- Support the improvement and intensification of established fed-batch cell culture processes from vial break to harvest, including seed and main bioreactor stage
- Support the evaluation and implementation of new equipment and technologies (e.g. new feeding strategies, process formats) in the Upstream Process (USP) environment
- Design, plan, and execute USP lab activities, primarily parallel fermentation experiments, in our lab scale (<10 L) facility using state of the art disposable and glass bioreactor technology

Minimum Requirements:

- Master of Science in Life Sciences, e.g., in Biotechnology, Biochemistry or Bio-engineering with basic knowledge in upstream processing or equivalent education/experience

Skills:

- Basic laboratory experience with mammalian cell cultures, primarily aseptic handling, ideally with shake flasks, wave and stirred bioreactors (experience in parallelized and automated cultivation in ambr250 systems is a plus)
- Intrinsic curiosity, willingness to adopt challenging tasks and grow in related areas of expertise (e.g. parallelized, automated cultivation)
- Experienced in independently planning, executing, and evaluating own laboratory experiments and presenting the data

Languages :

- English.
- German would be an additional asset

Accessibility and accommodation:

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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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Division

Development

Business Unit

Innovative Medicines

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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