

# 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:

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](mailto: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.

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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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