Biologist | Bioprocess and Cell Culture

FIRSTNAME LASTNAME

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Profile

Biologist with a master's degree and four years of experience in upstream bioprocess development for monoclonal antibodies. Runs fed-batch processes from shake flask to 200-litre bioreactors, analyses process data and writes development reports. Works under GMP-like documentation and with manufacturing on technology transfer.

Career highlights

- Increased antibody titre in a fed-batch process by 35 percent through a feeding strategy study.
- Ran 40 bioreactor runs a year at 2 to 200 litre scale with fewer than two percent failed runs.
- Co-authored the process description for a technology transfer to commercial manufacturing.
- Introduced a design of experiments approach that halved the number of screening runs.

Professional experience

Associate Scientist, Upstream Process Development **March 2022 to present**
Global biopharmaceutical company (example) Penzberg, Germany

- Plan and run CHO fed-batch processes in Ambr 250, glass and single-use bioreactors.
- Analyse cell growth, metabolites and titre and present results to the project team.
- Write development reports and contribute to technology transfer documents.

Master's Thesis Student **October 2020 to September 2021**
Biotech company (example) Munich, Germany

- Studied the effect of temperature shifts on product quality attributes.
- Learned bioreactor operation, cell counting and metabolite analysis.
- Final grade 1.3.

Education

Technical University of Munich. Master of Science in Biology, 2021 | Bachelor of Science in Biology, 2019

Further training

Design of experiments with JMP (2023) | GMP basics (2022)

Languages

German (native) | English (business fluent)

Core competencies

Mammalian cell culture | CHO fed-batch | Bioreactors (Ambr, single-use) | Design of experiments | JMP | Process data analysis | Technology transfer | Development reports | Aseptic technique | GMP documentation

Sample CV with invented content. Free Biologist CV template by Andreas Schulz, MoreThanCareer.de:
morethancareer.de/cv-templates/biologist-cv-template.html