NOVARTIS

Master Student – microbial DSP / Chroma-free Purification (f/m/d) 80%

Job ID
REQ-10091587
Ноя. 25, 2026
Австрия

Сводка

#LI-Onsite
Join our mission to improve lives through innovative medicine. If you are a student interested in a hands-on Master's thesis in biopharmaceutical process development, we invite you to gain real-world experience for about 9 months with our microbial Drug Substance Development (DSD) team in Kundl, Austria.
Our microbial DSD team develops and optimizes upstream and downstream processes for microbial-based biopharmaceuticals, applying innovative technologies to translate scientific concepts into robust and scalable manufacturing processes. Working in an interdisciplinary environment, we contribute to bringing new medicines from early development towards production and ultimately to patients worldwide.
Join our Downstream Process Development (DSP) team and help us develop alternative approaches to conventional chromatography based purification for smarter and more efficient purification of microbial products.

About the Role

Key Responsibilities:

- Investigate and further develop precipitation based strategies for purification of microbial DSP intermediates.
- Plan and perform laboratory-scale precipitation studies under varying process conditions.
- Assess how precipitation parameters influence solid formation, yield and downstream process performance.
- Analyze experimental data and identify promising process conditions for further development and scale-up.
- Collaborate closely with colleagues in DSP and analytical development and communicate your findings to the broader project team.

Essential Requirements:

- You are currently enrolled in a Master's program in Biotechnology, Bioprocess Engineering, Biochemistry, Chemical Engineering or a related field.
- Strong interest in downstream processing, solid-liquid separation and bioprocess development.
- A solution-oriented, curious mindset and enthusiasm for practical laboratory work.
- A self-driven and team-oriented working style with willingness to take ownership of your experiments.
- Experience or knowledge in precipitation, filtration, particle characterization or Design of Experiments (DoE) is an advantage.
- Good communication skills in English; German is an advantage.

You'll receive:

In accordance with Austrian law, we are obliged to disclose the minimum salary as stated in the collective bargaining agreement. For this position the minimum salary according to the collective agreement of the chemical industry is € 2.010,75 gross per month on a full time basis.

Commitment to Diversity & Inclusion: Novartis is committed to building an outstanding, inclusive working environment and diverse teams, representative of the patients and communities we serve.

Adjustments for Applicants with Disabilities:

If because of a medical condition, physical disability or a neurodiverse condition you require an adjustment during the recruitment process, please reach out to disabilities.austria@novartis.com and let us know the nature of your request as well as your contact information. The support which we can provide will include advice on suitable positions as well as guidance at all stages of the application process. Austrian law provides candidates the opportunity to involve the local disability representative, Behindertenvertrauensperson (BVP), in the application process. If you would like to request this, please let us know in advance as a note on your CV.

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

Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally.
Read our handbook (PDF 30 MB)

Дивизион
Development
Business Unit
Development
Место
Австрия
Сайт
Kundl
Company / Legal Entity
AT33 (FCRS = AT033) Novartis Pharmaceutical Manufacturing GmbH
Functional Area
Others
Job Type
Part time
Employment Type
Early Career (Fixed Term)
Shift Work
No
Job ID
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