

Intern — Bioprocess Development and Cell Culture

We are seeking a dynamic and motivated individual to join our team. Bioscibex has been granted an EPFL Innogrant from the Startup Launchpad to develop an innovative bioreactor for biologics and cell therapy. The aim of the Bioscibex project at EPFL is to test and improve the first prototype of the bioreactor and to collect user feedback in order to develop the first commercial version and transform the project into an EPFL spin-off. For more information, please visit www.bioscibex.com.

About the role:

You will contribute to testing and improving our innovative bioreactor.

The internship is scheduled to start on 01.11.2024 and will run until 30.08.2025, with flexibility on the start/end date, as long as it begins in 2024. You can work either full-time or part-time.

Gross salary: CHF 2,500/month for internships after higher education full-time (max. 12 months after academic graduation). CHF 1,800/month for mandatory internship of students enrolled outside EPFL.

We also encourage EPFL students who wish to work during their studies to apply. You could be hired as an Assistant-étudiant, paid hourly. In this case, you will need to dedicate specific days or half-days to the project, and it is preferred that you do not have a full semester of lectures in parallel.

Who you will work with:

You will closely collaborate with the team of Bioscibex. You might also be collaborating with external stakeholders. This position is based at the Protein Production and Structure Core Facility (PTPSP) at EPFL.

Main responsibilities:

- Conduct and design cell culture and bioreactor characterization experiments
- Perform literature and patent research
- Master the technical specifics of the process and the equipment.
- Identify potential areas for equipment & software improvement
- Work with internal/external stakeholders
- Respond to technical questions, contribute to problem-solving, and support the team
- Contribute to white papers, poster and scientific literature
- Carry out activities in accordance with EPFL's occupational health, safety, and security (OHSS) guidelines and with the PTPSP rules
- Participation in weekly cleaning of lab

Interested? For this role, the optimal qualifications, experiences, and skills would be the following:

- Bachelor (or during bachelor) or master in life science, in chemical engineering & biotechnology, or any other relevant field (**please note that this internship is not applicable for an EPFL student looking to fulfill the mandatory internship in industry as part of his or her academic curriculum**).
- Fast learner & curious / Excellent communication skills and team spirit.
- Adaptability to a non-routine and challenging environment.
- Cell culture experience is a plus
- Knowledge in programming languages is a plus (i.e. Python, Matlab)
- Understanding of Automation Tools is a plus (i.e. Labview)
- Proficiency in English (oral and written), French is a plus.

About us

Our vision is to be at the forefront of biopharmaceutical innovation, providing cutting-edge bioreactor technologies that simplify and automate cell-based therapies. We aim to accelerate and reduce the cost of drug development and manufacturing, making breakthrough treatments accessible to all and improving global health and longevity.

For additional information, please visit www.bioscibex.com

If you are interested send your application (CV + Cover letter) to contact@bioscibex.com