

R&D technical Project Leader Biotechnology

At Lonza, we invest in great people. We encourage our employees to challenge themselves and we offer an environment that fosters creativity and success. Headquartered in Basel, Switzerland, we operate production, R&D, and business sites around the world, including Europe, North America, and Asia.

Our vision:

We strive to be the leading supplier using science and technology to improve the quality of life.

Our mission:

We work with passion, using advanced technologies, to transform life science into new possibilities for our customers.

Do you want to help us as we shape the future of this great organization?

Job Description Summary

As a member of our research and technology department you will lead R&D projects in the evaluation, the development and the up-scaling of new biotechnological processes and support their implementation in commercial scale. Your work involves experimental planning and execution of experiments as well as data analysis, writing research reports and preparation of presentations for internal or external customers. The diversified responsibilities of your role comprise also the supervision of laboratory professionals, training of interns as well as the continuous optimization of lab workflows. You will work in interdisciplinary teams with a high level of commitment and contribute to the ongoing development of the department and the success of Lonza.

Job Description

Main responsibilities:

- Lead R&D projects in the evaluation, development and up-scaling of new biotechnological processes (USP & DSP) and support their implementation in the commercial production
- Plan, coordinate and supervise project tasks with the assigned lab technicians and/or scientists and take responsibility for budgeting, monitoring of costs, timelines, risks and quality of projects
- Execute scientific, technical and economical evaluation of biotechnological routes related to the production specialty chemicals, which includes the elaboration of development proposals covering timelines and costs
- Responsible for the interpretation of experiments, data analysis and for the communication of the results in a scientific manner in written comprehensive development report and/ in presentation form

Qualification and requirements:

- PhD degree in a life science discipline (biotechnology, biochemistry, biochemical engineering, microbiology or molecular biology) with at least 2 years postgraduate experience in an academic or industrial research environment
- Extensive experience in microbial fermentation, biotransformation/biocatalysis and/or biosynthesis
- Excellent expertise in white biotechnology related to the production of specialty chemicals
- Strong project management skills
- Good knowledge in organic chemistry and purification technics is a plus
- Demonstrated ability to interact effectively with cross-functional teams
- Demonstrated scientific and technical leadership at project level
- Intellectual curiosity for the anticipation, evaluation and implementation of trends and innovations in the area of white biotechnology
- Ability to multi-tasking and work toward deadlines
- Good team player who is willing to learn and grow with the team
- Fluency in German and English (written and spoken)

Education

Doctorate: Botany/Plant Biology (Required)

Language(s)

English, German