

FERMENTATION BIOTECHNOLOGIST – REINACH, BASEL AREA (SWITZERLAND)
(Job Id EV1902-02)

Evolva... bringing sustainably sourced, next-generation health, wellness, and nutrition ingredients to the world.

Our lead ingredients are resveratrol for healthy aging products, a great-tasting zero-calorie stevia sweetener to help food and beverage producers replace sugar, and a novel prevention approach to help protect people and pets against the biting pests that transmit diseases like Lyme disease and Zika virus. Further, we are active in the flavors & fragrances market with two ingredients.

More information on our approach to work life can be found on our website:

<http://www.evolva.com/about-evolva/>

Job Description:

Evolva is seeking a motivated hands-on Fermentation Biotechnologist in the Fermentation Department located in Reinach, Switzerland. Our Fermentation Department provides support for our metabolic engineering teams, and is also involved in the transfer of our production strains and processes to our CMOs and the direct interaction on-site. This position will require a self-starting, results-oriented researcher, who will thrive in a fast-paced environment where priorities will change regularly. The multi-disciplinary nature of the fermentation department requires interaction with scientists in the strain engineering, downstream process development, and analytical teams, as well as contract manufacturing and research organizations.

The successful candidate will be responsible for characterizing metabolically engineered microbial strains in small-scale fermentation, developing microbial processes suitable for scaling up at production scale, and transferring these processes to our CMO partners. Additionally, the successful candidate will provide implementation and troubleshooting of these processes on-site.

Specific Responsibilities:

- Planning, designing and execution of fermentation related experimental plans in support of physiological characterisation of metabolically engineered microbial strains and process development within a cross-functional team structure
- Provide leadership for the development of industrial media and fermentation processes for piloting and commercial operations
- Development of fermentation processes using scale down models to predict process performance at manufacturing scale
- Process transfer to our CMOs, involving on-site support
- Partner with production to troubleshoot, identify and implement productivity improvements for the production process
- Contribution to project plans, timelines and technical scope of existing and new projects
- Documentation of experimental data, preparation of technical reports, communication of findings to relevant stakeholders
- Conduct review of literature, making recommendations for application to current process issues

Ideal Candidate Possesses:

- Ph.D. in Microbiology, Biochemical Engineering, Biotechnology, or related disciplines, with a minimum of 4+ years of working experience in an industrial setting, ideally including interaction with industrial/commercial partners

- Strong knowledge of microbial systems, physiology and cellular metabolism
- Experience in the physiological characterization of microbial organisms using bench-scale bioreactors, including batch, fed-batch and continuous processes
- Experience in developing and improving microbial fermentation processes
- Experience with fermentation piloting, scale-up, and technology transfer to industrial settings
- Experimental design and data analysis capabilities including Design of Experiments (DOE)
- Demonstrated capability to participate in multidisciplinary teams
- Excellent written and oral communication skills
- Very good command of English
- Ability to travel (CMO support) up to 20%

As a person, you are resourceful, professional, and skilled in the art of teamwork and clear/concise communication. You are conscientious, considerate, and believe in innovation that benefits consumers, partners, and the planet. You want to play a role in the commercial success of our novel products. You are a problem solver with good interpersonal and English communication skills.

Location:

Reinach (BL), Switzerland

To apply submit your application online at <http://www.evolva.com/join-us/>

Please provide your CV and cover letter in English.

Please note:

Applications received from recruiters and other consultants will only be accepted and evaluated if upon the time of submission the recruiter/consultant has entered into a specific agreement with Evolva concerning such submissions.