

## HEAD OF FERMENTATION – REINACH, BASEL AREA (SWITZERLAND)

(Job Id EV1904-02)

**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 highly experienced microbial fermentation specialist to lead our Fermentation Group located in Reinach, Switzerland. Our Fermentation Group provides support for our metabolic engineering teams, and is additionally involved in the technology transfer of our production strains and processes to our CMOs.

This position requires a highly, results-oriented individual, who will thrive in a fast-paced environment where priorities will change regularly. The multi-disciplinary nature of the fermentation department requires close interaction with scientists from the strain engineering, downstream process development, and analytical teams, as well as contract manufacturing organizations.

The successful candidate will lead a dedicated team responsible for the characterization of metabolically engineered microbial strains in small-scale fermentation, development and optimization of scalable microbial processes, and technology transfer of developed processes to manufacturing scale at the facilities of our CMO partners. In addition to the development and implementation of process improvements in order to constantly reduce production costs, the team is responsible for providing active support, supervision and trouble-shooting of manufacturing campaigns.

### Specific Responsibilities:

- Lead a team of fermentation scientists and research associates
- Managing and coordinating complex experimental schedules across multiple projects
- Rigorous quality control of fermentation experiments
- Maintaining, analysing, and reporting on data to different teams, including external stakeholders
- Troubleshooting and improving production processes
- Maintaining safe practices and work environment
- Tracking and resolving technical challenges at scale
- Lead continuous improvement in the fermentation process development area to improve process robustness and performance
- Work closely with other teams (strain engineering, analytical chemistry, down-stream processing and operations) to advance in the commercialization of different projects
- Directly responsible for the technology transfer of our processes to CMOs across different scales, including scale-up and manufacturing operations

**Ideal Candidate Possesses:**

- PhD, or MS in Chemical Engineering, Biochemical Engineering, Biochemistry, Microbiology, or equivalent
- 7+ years' experience (PhD) or 9+ years' experience (MS) with a proven track record of accomplishments in bio-industrial settings
- Solid experience with bench-top, pilot plant, and commercial scale bioreactor operations under batch, fed-batch and continuous cultivation mode
- Strong track record in the technology transfer of bioprocesses to industrial settings, including pilot-plant and manufacturing operations
- Solid experience in bioprocess scale-up and -down in industrial settings
- Excellent understanding of biochemical engineering principles
- Strong knowledge of microbial systems, physiology, metabolism and nutritional requirements
- Excellent experimental design and data analysis capabilities including Design of Experiments (DOE)
- Experience in driving products to commercialization is a plus
- Strong project management skills with the ability to deliver results on schedule in a fast-paced entrepreneurial environment
- Demonstrated experience in building, managing, and fostering the development of a productive and innovative team
- Ability to understand and execute on the company's mission and values
- Ability to think and adapt to a rapidly changing environment
- Excellent written and oral communication skills
- Very good command of English
- Ability to travel (CMO support) up to 30%

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

**What Evolva Offers:**

Competitive compensation/benefits package, which includes participation in Evolva's employee equity program.

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.*