

**SCIENTIST - METABOLIC ENGINEERING IN BACTERIA/YEAST – REINACH, BASEL AREA  
(SWITZERLAND) (Job Id EV1904-03)**



**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 motivated scientist to join our strain engineering group. This position requires a results-oriented individual, who will thrive in a fast-paced environment where priorities shift according to changing requirements. As part of a multi-disciplinary project team, it involves interacting with our fermentation and analytical chemistry teams.

You will be in charge of generating bacteria and/or yeast strains by metabolic engineering in order to support current as well as future projects. The ideal candidate will be proficient in using molecular biology, metabolic pathway engineering, and modern bioinformatics approaches to construct strains for the biosynthesis of natural compounds.

**Specific Responsibilities:**

- Design, construction and optimization of biosynthetic pathways using various metabolic engineering and synthetic biology tools
- Apply knowledge of microbial physiology, biochemistry, and metabolism to improve titers, yields, and productivity of engineered strains
- Test metabolic and physiological performance of engineered strains
- Design experiments, analyse data and summarize findings into technical reports

**Ideal Candidate Possesses:**

- Master or PhD in Genetics, Molecular Biology, Microbiology, Biochemistry, Bioengineering or a related field
- 3+ years of relevant industry experience
- Solid technical experience in state-of-the-art molecular and genetic technologies including cloning, pathway assembly, and chromosomal manipulation in prokaryotic or eukaryotic microorganisms
- Solid understanding of microbial physiology and metabolism
- Excellent troubleshooting and data interpretation skills
- Strong time-management and organization skills
- A proven track record of accomplishments and timely delivery on goals
- Capable of high performance in independent work as well as in a team
- Well-organized and able to handle multiple projects simultaneously

As a person, you should be enthusiastic, flexible and hard-working and have a genuine interest in carrying out high quality research & development and learning new competencies. You should have strong interpersonal skills and be able to work both independently and as part of project team. 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/>

Application deadline: May 31, 2019

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.*