

Scientist/Senior Scientist, Chemical Ecology / Analytical Chemistry

Geneva (SWITZERLAND)

Firmenich SA

Website: <https://jobs.firmenich.com/job/La-Jonction-Scientist-or-Senior-Scientist/565666501/>

Qualifications

- PhD degree in chemical ecology, or in analytical chemistry with post-doctoral experience in chemical ecology.
- Relevant experience in electrophysiology: proven ability to perform single sensillum recording (SSR) on different organisms. Previous experience on applied projects or in industry R&D laboratory would be a plus.
- Mastery of different techniques of behavioral measurement in the lab; experience with flying insects and hematophagous arthropods would be a plus. Expertise in methods of analytical chemistry, especially regarding collection, characterization and quantification of volatile compounds.
- Sound knowledge of advanced statistical tools for automated data processing (e.g. identification and quantification of compounds in complex samples, behavioral analysis).
- Excellent team spirit, communication skills and networking capacity in a multidisciplinary environment.
- Fluent in English, ability to communicate in French would be a plus.

Description

We are seeking for a chemical ecologist with a strong background in analytical chemistry. The candidate will:

- Lead projects to address scientific questions, ensuring timely delivery based on established priorities.
- Design and plan experiments for a team, providing technical guidance when necessary and executing specific parts.
- Independence on established procedures and new experimental setups; ability to propose improvements, especially regarding automation.
- Capitalize on knowledge and experience in advanced analytical techniques to solve difficult analytical challenges in particular related to identification and quantification of volatile compounds.
- Undertake and supervise chemical ecology experiments on arthropods in a lab, from electrophysiology to behavior.
- Stay abreast of innovative analytical, behavioural and experimental techniques in the area of competence and evaluate their potential for the company.
- Build strategic scientific relationships with external experts.
- Communicate project results proactively to diverse stakeholders and document final accomplishments in reports, peer-reviewed publications and presentations.

Submit applications and further questions to:

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