

Master Trainee/internship in Metabolomics

"I want a direction to follow and challenges to stretch me"

Nestlé Research, Nestlé Institute of Food Safety & Analytical sciences

Lausanne, Switzerland

**Internship (6 Months)
activity rate: 100%**

Nestlé Research is based in Lausanne, Switzerland and employs approximately 800 people. It consists of four major research institutes: Health Sciences, Material Sciences, Food Safety & Analytical Sciences and Packaging Sciences. Nestlé Research combines fundamental science at the highest level, high-end analytical platforms leveraged by all research teams, and strong prototyping capabilities to accelerate the translation of science into innovation. Nestlé Research published around 1,000 scientific publications in peer review journals over the last five years, and files about 80 patents every year. Nestlé Research collaborates with approximately 100 universities or research institutes around the world. Learn more about Nestlé Research at www.nestle.com/randd

As a Master or internship trainee in the Metabolomics group, your main activity will be to develop and implement an analytical method based on mass spectrometry to examine a specific class of molecules, which modulates the gut microbiota and regulates key biological functions. The aim will be to choose the most appropriate analytical conditions, to optimize instrument parameters and to test the method in a biological context.

Key responsibilities

- Integrate technical skills in mass spectrometry
- Perform a literature review from the field
- Carry out laboratory analysis
- Interpret and discuss the data with the team
- Present the generated data and scientific results in internal meetings

Education and experience

- Bachelor's degree in analytical chemistry or equivalent
- Training and laboratory experiences in analytical chemistry
- Good knowledge in biochemistry and metabolism
- Exposure to liquid chromatography coupled mass spectrometry would be a plus
- Fluent in English and French (would be a plus)

Show us that you have the curiosity and willingness to learn, the agility to implement a new method in our laboratory, and to work independently enabling you to contribute to our success and scope of the position. The Metabolomics group is located on the campus of the Swiss Federal Institute of Technology (EPFL, Lausanne). If you want to work in an international and innovative working environment, please don't hesitate to contact us and apply in English (or in French) at laurence.goulet@rd.nestle.com

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