

Postdoctoral Research Associate Metabolomics/Exposomics

This position in the field of **bioanalytical chemistry** or **bioinformatics** is dedicated to the **development of innovative mass spectrometry-based workflows** and **data evaluation tools**. The developed methods will be applied to address pressing research questions at the edge of environmental/food contaminants and human health. The postdoc will work in the framework of a large-scale EU project and is expected to collaborate with national and European partners.

The 'Global Exposomics and Biomonitoring Laboratory' consists of a motivated and interdisciplinary team acting in a strong national and international network. We want to better understand the impact of food- and environment-related toxicants on human health and use innovative mass spectrometric methods to investigate exposure, metabolism, and toxicity.

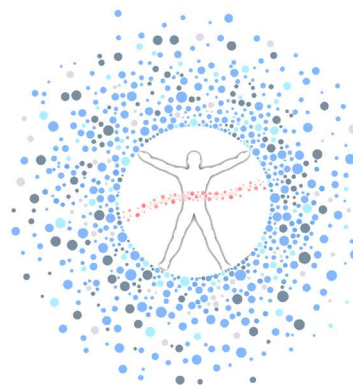
Salary ~4,060 € (14x per annum before tax) plus health insurance and benefits. Besides research, this position includes some teaching and administrative duties. Possibility to extend this position to a total of four years.

Requirements

- ✓ PhD degree in analytical, biological, food, or computational chemistry, biotechnology or related field
- ✓ Experience in mass spectrometry and/or advanced programming skills (e.g. R) and statistical knowledge
- ✓ Scientific publishing experience
- ✓ High level of self-motivation, commitment, and work ethics; willingness to travel and manage cooperative projects
- ✓ Application documents: Letter of motivation, academic CV and publication record, three references, degree certificates and transcripts
- ✓ German language skills are an asset
- ✓ Apply via the University of Vienna job center under reference number: 13288; only complete applications will be considered

Contact

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Examples of our recent work

Jamnik et al. (2022) [Next-generation biomonitoring of the chemical exposome in infant development](#). *Nature Communications*
Flasch et al. (2022) [Elucidation of xenoestrogen metabolism by non-targeted mass spectrometry in cancer cells](#). *Environm. Intern.*
Braun et al. (2022) [Mycotoxin-mixtures in mother-infant pairs: From mothers' meal to infants' urine](#). *Chemosphere*
Oesterle et al. (2022) [Quantifying up to 90 polyphenols simultaneously in human bio-fluids by LC-MS/MS](#). *Analytica Chimica Acta*