



**University
of Basel**

Department of
Biomedical Engineering

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Postdoctoral Position in Computational Metabolomics

****About us****

Our lab is dedicated to harnessing the rich biochemical information concealed in exhaled breath, with the aim of revolutionizing non-invasive diagnostics and clinical decision-making. We stand at the forefront of breath analysis, employing state-of-the-art mass spectrometric technologies and sophisticated computational tools.

<https://sinueslab.ch/>

****Responsibilities****

As a Postdoctoral Researcher, your primary focus will be on computational metabolomics for breath analysis. You will work in a collaborative, multidisciplinary environment alongside a team of researchers with diverse academic backgrounds, all rooted in a clinical setting.

****Position Details****

Position Type: Postdoctoral Researcher

Duration: Immediate start with the position fixed until August 31, 2024

Location: University Children's Hospital Basel (UKBB), Department of Biomedical Engineering (DBE)

****Qualifications****

- A Ph.D. in a relevant field, such as computational biology, bioinformatics, metabolomics, or a related discipline.
- Strong proficiency in computational tools and programming, with experience in MATLAB preferred.
- Knowledge of metabolomics, mass spectrometry, and related analytical techniques is a significant advantage.
- Excellent problem-solving skills and the ability to work independently and as part of a team.
- Strong communication skills to collaborate effectively in a multidisciplinary environment.
- A passion for scientific research and a drive to make a meaningful impact in healthcare.

****Application Process****

To apply, please submit your CV, a cover letter outlining your research interests and relevant experience, and contact information for two academic references to pablo.sinues@unibas.ch