

Unisanté, University Center for Primary Care and Public Health, Lausanne, Switzerland is active in research, academic training, prevention and care. Innovative and unique in Switzerland, it fosters interdisciplinarity and skills around health issues.

Our Department of Occupational and Environmental Health aims to promote healthy working environments and conditions that benefit both individuals and society as a whole. It works with companies and conducts applied research in the fields of occupational and environmental health. It provides pre- and post-graduate training for occupational health professionals and specialists.

In the toxicology and biomonitoring unit of this department, we are looking for a :

Phd Student (80-100%)

Your main activities will be part of a human toxicology project on plastic additives, in agreement with the project investigator. This project is funded by Swiss Center for applied human toxicology (SCAHT) under the 2025-2028 program and includes

- Submit the study to the Swiss ethics committee for research involving humans
- Conduct scientific literature review in the field of the project;
- Determine the toxicokinetics of plastic additives (blood, urine) Participate in technical/scientific coordination sessions and collaborate with other teams;
- Identify and evaluate exposure markers and potential pulmonary and/or inflammatory effects;
- Plan project steps (objectives, milestones, deadlines);
- Prepare and carry out exposure sessions with healthy participants;
- Analyze and interpret results;
- Contribute to project progress reports;
- Promote the scientific results obtained (publications, conferences, presentations);
- Contribute to ongoing work and teaching in the department.

Your assets :

- Master's degree in toxicology, pharmacology, biochemistry or equivalent field;
- Experience in toxicokinetics, participant exposure studies, chemical exposure analysis or chemical risk assessment;
- Good knowledge of data processing software such as Matlab or Stata;
- Fluency in spoken and written French and English;
- Active listening, empathy and reliability.

We offer :

- A dynamic, modern and human environment;
- A varied and rewarding activity;
- Resources that enable you to carry out your missions and develop your skills.

To apply:

Please apply by clicking on the link below

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