

# ETH Zurich Postdoc Position – in vitro Toxicology

The **ETH Laboratory of Toxicology**, led by Professor Shana Sturla, is part of the ETH Department of Health Science & Technology. We are a multidisciplinary team working at the chemistry-biology interface exploring relationships between chemical structures, biomolecular processes, and cellular responses relevant to chemical safety and drug development.

## Job description

A postdoctoral opportunity is available with a focus on in vitro toxicology. The research will involve evaluating the impacts of chemicals on molecular and cellular changes in human cells. You will advance research concerning the development of new approach methodologies for toxicological evaluations and chemical safety. Depending on your interests and skills, aspects related to high content data (i.e. multi-omics, imaging) and computational models may be relevant. There are opportunities to collaborate in diverse aspects of research in the lab concerning DNA damage and mutagenesis, microbial metabolism of chemicals, and precision medicine.

The initial contract is for 1 year, starting between 1 January 2024-1 April 2024 or a mutually agreed upon date. It is expected to be extended at least one additional year, and could be extended to a maximum of 6 years, depending on availability of funding.

## Your profile

- You are skilled in cellular and molecular biology techniques including human cell culture.
- Before starting, you will obtain a PhD or equivalent in toxicology, pharmaceutical sciences, molecular or cellular biology, or a related discipline, which should have involved research concerning the biological impacts of chemicals and/or drugs.
- You have clear written and oral communication skills in English.
- You have an independent mindset, good leadership qualities, high flexibility and like to work in an international and team-oriented environment.

## ETH Zürich

ETH Zurich is one of the world's leading universities specializing in science and technology. It is renowned for excellent education, cutting-edge fundamental research and direct transfer of new knowledge into society. Over 30,000 people from more than 120 countries find our university to be a place that promotes independent thinking and an environment that inspires excellence. Located in the heart of Europe, yet forging connections all over the world, we work together to develop solutions for the global challenges of today and tomorrow.

## Interested?

Please send the following to [ethtoxrec@hest.ethz.ch](mailto:ethtoxrec@hest.ethz.ch) -

- A brief email message that describes research experience and scientific and professional/career goals
- CV including publication list and contact information for 3 referees. Do not include letters of recommendation.

Applications will be considered on an ongoing basis until the position is filled. Contact Prof. Shana Sturla ([sturlas@ethz.ch](mailto:sturlas@ethz.ch)) with questions.