



Research Associate/Postdoc Position in Regulatory Toxicology Research

100%

The Swiss Centre for Applied Human Toxicology (SCAHT) at the University of Basel is offering a position to investigate the status of integration and use of New Approach Methodologies (NAMs) in the existing European regulatory risk assessment frameworks for chemicals. The project is part of the Horizon Europe (2021-2027) Partnership for Risk Assessment of Chemicals (PARC) and is part of a task which aims to drive innovation in regulatory risk assessment practice and achieve implementation of Next Generation Risk Assessment (NGRA). The position is initially available for one year, with the possibility of extension for a further two years depending on project status and available funding.

Your position

The overall aim of the project is to facilitate the regulatory acceptance and practical use of NAMs in chemical risk assessment, with a focus on the needs & challenges risk assessors encounter at desk level in their daily practice. Based on the current status of integration and use of NAMs in the different EU regulatory risk assessment frameworks, the project will identify gaps, barriers, opportunities, and drivers towards a successful implementation of NAMs in the regulatory context.

The successful candidate will consolidate existing knowledge in the field based on literature review and stakeholder engagement activities. She/he will conduct surveys and expert interviews with risk assessors at EU and Member State level to gain insight in the status of development, integration and use of NAMs in EU sectorial frameworks. She/he will also collect information on the use of computer-based (i.e. artificial intelligence/machine learning technologies) tools for use in chemical risk assessment. She/he will engage with different partners and stakeholders within and outside PARC for planning, coordination, and consolidation purposes.

Your profile

We are looking for a research associate/postdoc with experience in the EU chemical regulatory landscape and who is familiar with in vitro assays and/or in silico methods. The successful candidate will be integrated in a dynamic, multidisciplinary international research environment and is expected to contribute to the PARC activities at the SCAHT as well as to writing technical reports and manuscripts.

- PhD in the field of mechanistic or predictive toxicology
- Experience with chemical risk assessment and regulatory decision-making at EU level
- Experience in computational methods (e.g. QSARs) and in vitro assays
- Active interest in the promotion of alternative testing methods for use in NGRA
- Excellent command of English, both written and oral, proficiency in German or French
- Highly motivated, pro-active and interactive team player
- Ability to work without day-to-day supervision
- Good communication and interpersonal skills, ability to quickly learn and apply new skills
- If not a Swiss national: valid Swiss working permit (B, C or G)

We offer you

- A multidisciplinary work bridging scientific and regulatory domains.
- Being part of a small and busy team of regulatory toxicologists.
- The opportunity to work in an international environment with participation in project meetings.
- Benefit from well-established working relations with Swiss federal authorities.
- Attractive employment conditions.
- Flexibility in terms of working hours and location.
- The University of Basel stands for excellence and is committed to diversity, equal opportunities and family friendliness.

Application / Contact

Please send your application including a motivational letter, CV, degree documents and two reference contacts to info@scaht.org. Closing date for applications is **31.05.2022**. For further details, please contact the SCAHT Director, Prof. Dr. Martin F. Wilks, martin.wilks@unibas.ch, or the project leader, Nicolas Roth, PharmD ToxMSc ERT, nicolas.roth@unibas.ch.