

Be a force for good



Research Assistant in vitro Toxicology

Position Snapshot

Location: Nestlé Research, Lausanne, Switzerland

Company: Société des Produits Nestlé S.A.

Act. Rate: Full-Time Act. Rate 100%

Type of contract: Permanent contract

Genuine opportunities for career and personal development
Modern “smart office” locations providing agile & collaborative workspaces
Dynamic international working environment
Attractive additional benefits

Position Summary

Nestlé Research is based in Lausanne, Switzerland, employs approximately 1000 people and is comprised of four Nestlé Institutes: Material Sciences, Health Sciences, Food Safety & Analytical Sciences and Packaging Sciences. Please have a tour of our facilities using [this link](#) or read more about Nestlé Research at our [website](#).

As a **Research Assistant in vitro Toxicology**, you will develop and apply in-house manual and automated cell-based methods to measure endocrine activities of complex mixtures such as foods and packaging materials. You will also contribute to the development, validation and implementation of new techniques in order to broaden the scope of endocrine endpoints of our bioassay battery and facilitate identification of endocrine active chemicals in mixtures.

We offer a dynamic, inclusive, and international working environment with many opportunities across different companies, functions, and regions. Don't miss the opportunity to join us and work with different teams in an agile and diverse context.

A Day in the Life of a Research Assistant in vitro Toxicology

- Identify new and apply existing cell-culture and microbial-based bioassays for endocrine activity and genotoxicity/mutagenicity testing
- Contribute to the implementation and application of High-Performance Thin Layer Chromatography (HPTLC) platform for effect-based analysis
- Assess quality parameters of our current bioassays and search for improvement (sensitivity, specificity, limit of detection)
- Liaise with external collaboration partners and suppliers to optimise and implement Nestlé-specific fit-for-purpose applications
- Develop data interpretation approaches and ensure troubleshooting
- Propose and execute experimental activities in key projects and support the safety-by-design process in R&D
- Train and coach laboratory staff and apprentices/students for running *in vitro* bioassay methods
- Use and master our automation platform (robot) and digital tools (ELN & Spotfire)



HR
Winning through
People and Teams

What will make you successful

- Master degree with work experience or PhD in biology or related life sciences
- Background in toxicology (experience in endocrine disruption preferred) and *in vitro* toxicology
- In depth practical expertise and competence in *in vitro* methods, including mammalian and microbial cell cultures, maintenance and treatment, coupling to mammalian reporter assays (HPTLC-effect-based analysis would be a plus)
- Understanding in the field of biodetection and bioassays (including equipment mastering, assessing quality and fitness-for-purpose)
- Experience in experimental design setting and management
- Use of digital/automation tools
- Problem solving and continuous improvement mindset
- Openminded for new technologies
- Good in written and oral communication in English

At Nestlé, we want to help shape a better and healthier world, inspire people to live healthier lives and deliver impact at a scale and pace that makes a difference. We do this by fostering a diverse, friendly, supportive, and collaborative environment, that creates positive disruption, embraces innovation, and empowers people and teams to win.

We aim to hire friendly, respectful, inspiring people who care about the people's lives that we touch every single day.

Be a force for good. Join Nestlé and visit us on www.nestle.com.

