



Internship in the Area of Pathology

Basel, Basel-City, Switzerland

In Roche's Pharmaceutical Research and Early Development organization (pRED), we make transformative medicines for patients in order to tackle some of the world's toughest unmet healthcare needs. At pRED, we are united by our mission to transform science into medicines. Together, we create a culture defined by curiosity, responsibility and humility, where our talented people are empowered and inspired to bring forward extraordinary life-changing innovation at speed.

Genetically engineered mouse models (GEMMs) play a pivotal role across the Roche portfolio, harboring the capacity to increase Roche's productivity by improving non-clinical to clinical translatability. We aim to improve Roche's ability to characterize complex molecules by including GEMMs for risk/benefit assessment in drug discovery and development. This requires thorough characterization of the models. The primary goal of this project is to conduct a comprehensive analysis of the impact that GEMMs have for safety assessment.

To help us improve the way we test new medicines, we are looking for a highly motivated Toxicologic Pathology Intern to support the Investigative Pathology and Translational Safety Assessment team getting an overview on the preclinical use and predictivity of GEMMs for safety assessments. This work is expected to improve understanding of how GEMMs contribute to the safety assessment process and to draw recommendations for optimizing the use of GEMMs in future safety assessments.

Key responsibilities

- ◆ Evaluate and summarize the current state of GEMMs use in preclinical safety assessments in the literature and in Roche Pharmaceutical Sciences department (Survey) across project phases and write outcomes in a scientific report
- ◆ Support phenotyping studies and model validation with tasks including study planning, necropsy, histopathology, data interpretation and conclusion under the supervision of Scientists of In vivo Science, Pathology and Toxicology
- ◆ Implementation of improvements where applicable of internal GEMM phenotyping workflows
- ◆ Assess and address current state and gaps of data storage, handling and reporting for GEMM in vivo safety studies
- ◆ Interact with cross-industry colleagues (i.e. ESTP working group Pathology 2.0) to align on common practices and requirements from regulatory authorities for GEMM use for safety assessments

Experience

You have a background in veterinary pathology and/or toxicology. You are comfortable working in an interdisciplinary team and skilled in communication.

Your profile

You are currently enrolled as a student at a university (Bachelor/Master/PhD) or completed your studies within the last 12 months (Bachelor/Master) in veterinary medicine or biology with focus on pharmacology/toxicology and already postgraduate experience in hands-on anatomic pathology. Experience with GEMMs and a good scientific understanding of immunology is an advantage.

Applicants who have already completed their PhD program are not eligible for an internship.



You have high social intelligence, strong interpersonal communication skills and are a team player who likes to interact with different people and functions.

Are you ready to apply? Roche embraces diversity and equal opportunity in a serious way. We are committed to building teams that represent a range of backgrounds, perspectives, and skills.

Location: Basel

Job type: 6-12 month internship

The planned start date of the internship is **as soon as possible or upon availability**.

To be considered, please send us your complete application merged into one PDF including

- ◆ CV
- ◆ Motivation Letter (including desired start date & duration)
- ◆ A certificate of enrollment (if you are currently studying)
- ◆ **For non-EU/EFTA citizens:** Certificate from the university stating that an internship is mandatory (required due to regulations). Please upload it together with your application documents.

Who we are

At Roche, more than 100,000 people across 100 countries are pushing back the frontiers of healthcare. Working together, we've become one of the world's leading research-focused healthcare groups. Our success is built on innovation, curiosity and diversity.

Basel is the headquarters of the Roche Group and one of its most important centres of pharmaceutical research. Over 10,700 employees from over 100 countries come together at our Basel/Kaiseraugst site, which is one of Roche's largest sites. [Read more](#).

Besides extensive development and training opportunities, we offer flexible working options, 18 weeks of maternity leave and 10 weeks of gender independent partnership leave. Our employees also benefit from multiple services on site such as child-care facilities, medical services, restaurants and cafeterias, as well as various employee events.

We believe in the power of diversity and inclusion, and strive to identify and create opportunities that enable all people to bring their unique selves to Roche.

Roche is an Equal Opportunity Employer.

[Apply now!](#)