



Roche Postdoc Fellowship (RPF) in Computational Pathology (24 months)

Switzerland, Basel-City, Basel Headquarter

At Roche, we believe it's urgent to deliver medical solutions right now – even as we develop innovations for the future. We are passionate about transforming patients' lives and we are fearless in both making decisions and taking action. And we believe that good business means a better world.

That is why we come to work every single day. We commit ourselves to scientific rigour, unassailable ethics, and access to medical innovations for all. We do this today to build a better tomorrow.

The position

As a Postdoctoral Fellow in the Department of Global Pathology, Pharmaceutical Sciences, you will focus on a research project on digital and computational pathology with a focus on toxicologic pathology. Technologies and workflows for digital pathology will be assessed, with the goal of implementing digital slide evaluation of toxicology studies, with integration of digital slide review into an end-to-end digital lab workflow including scanning, slide sharing, annotation and machine learning/image analysis.

The Freie Universität Berlin, Fachbereich Veterinärmedizin, Institut für Tierpathologie is Roche's academic partner for this Postdoctoral Fellowship. The partnership with academia is an important aspect of our approach.

In this position you will:

- Compare efficiency and precision of digital vs. glass slide review
- Implement a high throughput digital slide review workflow, with focus on developing best practices
- Investigate possibilities for machine learning as a complement to pathologist slide evaluation
- Work in a multidisciplinary team of veterinary pathologists, biologists and imaging specialists

This position is sponsored by the Roche Postdoctoral Fellowship Program and is initially set for two years, extension for a third year is possible. You will be based in Basel, with stays at our academic partner in Berlin.

You are a veterinarian with a postgraduate scientific degree in the field of pathology (PhD or Dr.med.vet. with subsequent postdoctoral experience) and hold an international postgraduate qualification in pathology (DiplECVP, DiplACVP), or are eligible to sit the relevant exams.

You also have experience and expertise in the following:

- Digital Pathology/Image Analysis
- Toxicologic pathology experience is a benefit
- Proficiency in written and spoken English

You have very good interpersonal and communication skills, are able to build good working relationships, and are an outstanding teammate. Your experience and investigative attitude allow you to work independently, to design, perform, and interpret experiments, and to embark on new scientific methodologies.

When does it start?

The start date of this fellowship is 1st November, or on availability. Please clearly indicate your preferred starting date on your motivation letter. All applications always need to include a CV, motivation letter, a publication list and a certificate of your veterinary degree, and, if available, your PhD.

Who we are

At Roche, 80,000 people across 150 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, and on seeing each other's differences as an advantage. To innovate healthcare, Roche has ambitious plans to keep learning and growing – and is seeking people who have the same goals for themselves.

Job ID No.: 201910-129082

Do you have any questions? Please call the Recruiting Team Switzerland: +41 61 682 25 50

[Apply now!](#)

The next step is yours. To apply online for this position visit careers.roche.ch

Roche strives to be an equal opportunity employer.

*Make your mark.
Improve lives.*