

# Internship in Cancer Cell Targeted Therapy from March 2023 for 9 months - Basel, Switzerland



## The Position

We are looking for a highly motivated intern (Master student level) to join the Cancer Cell Targeted Therapy (CCTT) group in the Oncology Discovery and Translation Area (DTA) at Roche. The focus of our lab is to identify and validate novel cancer synthetic lethal relationships by using a broad range of functional technologies, i.e CRISPR, RNAi or small molecule approaches. To this end, the successful candidate will support target validation as well as target assessment activities using a variety of genetic, biochemical, and cell biological techniques to underlie the mechanistic link to disease.

The position will be based in **Basel, Switzerland**.

The preferred start date of the internship is **March 2023 for 9 months**.

**Applications need to include a CV and a motivation letter.**

### As an Intern in the CCTT group you will:

- ◆ Execute cell cultures of different established cancer cell lines
- ◆ Perform cell line engineering using lentiviral-based approaches and knock-down experiments using siRNAs
- ◆ Evaluate cells in biochemical as well as functional assays
- ◆ Perform different molecular and biochemical techniques (Western Blot, qRT-PCR...)
- ◆ Analyze data and present results at lab meetings
- ◆ Perform work according to established internal safety guidelines and procedures
- ◆ Work as part of a multi-disciplinary team

### Who you are:

- ◆ Your career interests are in **Oncology** and **Molecular Biology**, and you are motivated to learn different techniques to underlie new cancer dependencies.
- ◆ Biology, biochemistry or molecular biology student, **currently enrolled in the penultimate or last year of a Master's degree program**, or you have **graduated within 12 months before the start of the internship**.
- ◆ Solid understanding of cancer cell biology
- ◆ Practical experience with mammalian cell culture. Experience in molecular and biochemical assays (qRT-PCR / Western blot) is a plus
- ◆ Experience with data analysis tools like Prism will be a plus
- ◆ A self-motivated and independent thinker with excellent communication skills, attention to detail, and the desire to work in a fast-paced, cutting-edge environment
- ◆ Fluent in English

We expect outstanding motivation, creativity, analytical thinking and a strong dedication to productivity.

The preferred start date of the internship is **March 2023 for 9 months**.

**Applications need to include a CV and a motivation letter.** Optional: Reference letters, transcripts, etc.

Due to regulations, **non-EU/non-EFTA citizens without either a B permit with work permit** or a **C permit** need to provide a **certificate of enrollment**, as well as a **certificate from the university** stating that an **internship is mandatory** and **stating its length**.

Roche embraces diversity and equal opportunity in a serious way. We are committed to building a team that represents a variety of backgrounds, perspectives, and skills. The more inclusive we are, the better our work will be.



## 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.**

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