



**PUT YOUR CODE TO WORK WHERE IT COUNTS.**

## PhD Student (f/m/d) – Computational Cancer Research

**Location:**

Vienna

**Working Hours:**

Full-time employee

**Area:**

George Cresswell Group

**Salary:**

PhD Student Salary according to FWF

**Contact:**

[vanessa.kuehl@ccri.at](mailto:vanessa.kuehl@ccri.at)

**Application Deadline:**

17.07.2026

**Curious to dive into research that bridges cutting-edge science and clinical impact? Start your PhD where innovation meets opportunity, shape your scientific future and contribute to science that makes a difference!**

At St. Anna Children's Cancer Research Institute (St. Anna CCRI) in Vienna and in this PhD position you will become part of a young, collaborative, and interdisciplinary research environment bridging biology, data science, and clinical application.

Working with large and diverse datasets, you will explore novel ways of generating insights that translate into real-world impact. You will work with large-scale, multimodal datasets to uncover insights with real-world relevance and contribute to translational cancer research.

Learn more about the [Cresswell Group](#).

### **Your responsibilities**

- **Data-driven research:** Analyze diverse datasets (e.g. whole genome sequencing, targeted sequencing, high-throughput drug sensitivity screens) using established workflows and your own computational approaches.
- **Integrative modelling:** Combine multiple data modalities to develop predictive models, including relapse risk prediction.
- **Independent research:** Design and lead your own PhD project, contribute innovative ideas, and work with a high level of scientific integrity.

- **Scientific communication:** Publish your findings in peer-reviewed journals, present at international conferences, and apply for fellowships.
- **Collaboration:** Work closely with biologists, clinicians, and computational scientists in a highly interactive and multidisciplinary environment.

## Your profile

### What you bring for this position:

- Master's degree or equivalent in a relevant field (e.g. bioinformatics, computer science, statistics, genetics, precision medicine)
- Strong programming skills (e.g. Python, R, Bash) and solid statistical understanding
- Background in molecular biology/genetics; ideally experience in cancer research
- Strong problem-solving mindset and scientific curiosity
- Proactive, reliable, and collaborative working style
- Excellent English communication skills (written and spoken); German is not required

### Ideally, you also bring:

- Experience in next-generation sequencing data analysis or genome-wide assays
- Familiarity with machine learning approaches in bioinformatics

## Our offer



**PhD Community:** Connect, exchange and grow through regular events and interdisciplinary networking with fellow PhD students



**Translational Research:** Work in an environment that bridges cutting-edge science with clinical application



**Academic Network:** Benefit from close collaborations with leading national and international institutions



**Collaborative Spirit:** Join a young, motivated team that values open exchange, creativity and initiative



**Prime Location:** Work in the heart of Vienna – a European hub for biomedical research and a city known for its high quality of life



**State-of-the-Art Facilities:** Benefit from access to infrastructure that supports your research and daily work

An attractive salary package according to the Austrian Science Fund [FWF](#).

## Who we are

One of Europe's leading institutions in the field of pediatric oncology, St. Anna Children's Cancer Research Institute (St. Anna CCRI) investigates the biological foundations of cancer in children and adolescents. For

almost 40 years, our multidisciplinary teams have been committed to developing innovative diagnostic approaches and personalized treatments aimed at further improving young patients' chances of cure. In close collaboration with both national and international partners we combine scientific excellence with clinical relevance. We stand for responsible research, transparency and sustainable knowledge building. As an employer, we offer a state-of-the-art research environment, opportunities for professional development as well as a workplace culture that embraces diversity and appreciation. Work where it really matters and contribute to science that makes a difference.

St. Anna CCRI is an equal opportunity employer. We value diversity and are committed to providing a work environment of mutual respect to everyone without regard to race, colour, religion, national origin, age, gender identity or expression, disability, or any other characteristic protected by applicable laws, regulations and ordinances.

Find more information here: <https://ccri.at/>.

## **Your application**

We are looking forward to your application! Applications should at least contain CV, cover letter and contact details of 2-3 references.

The application deadline is the **17.07.2026**. Applications will be reviewed on a rolling basis until the position is filled.

Apply now

## **Your recruiting process**

A clear and appreciative application process is important to us – find out more [here](#) about the next steps.

## **Contact information**

**Vanessa Kühl**

[vanessa.kuehl@ccri.at](mailto:vanessa.kuehl@ccri.at)

+436645401289

Visit us on:

