

Stellenbezeichnung: Postdoctoral position (m/f/*) in Experimental Hemato-Oncology / CATCH ALL

Postdoctoral position in Experimental Hemato-Oncology
DFG-funded Clinical Research Unit: CATCH ALL
(PI: Prof. Dr. Claudia Baldus; Prof. Dr. Gunnar Cario)

We are looking for a committed, inquisitive team player to start as soon as possible in our interdisciplinary research group focused on functional genomics of acute leukemias. The position is available in the newly set up DFG-funded Clinical Research Unit CATCH-ALL: Towards a Cure for Adults and Children with Acute Lymphoblastic Leukemia. Clinical and basic researchers join efforts in this interdisciplinary initiative to define mechanisms of leukemogenesis and treatment resistance across age groups. The final aim is to devise novel molecular and immunotherapeutic treatment strategies.

Start in our team:

We are looking for professional and competent support to start **as soon as possible**, limited for 4 years.

What we offer:

- The salary will be based on the German E13 TV-L scale (100%) if terms and conditions under collective bargaining law are fulfilled.
- Full-time employment, currently 38.5 hours/ week. Part-time employment may be compatible within the Framework of certain working time models.
- University sports and fitness at company rates as a balance to work.
- Free in-house training and continuing education.
- An attractive company pension plan from the public sector.
- Many employee discounts on various online platforms and at various companies.

Your role:

Your project is focused on dissecting oncogenic driver networks and the role of the immune environment in high-risk acute lymphoblastic leukemia. Genomic profiles of adult and pediatric leukemia subtypes explored by next generation sequencing and functional studies will be used to define oncogenic and therapeutic vulnerabilities.

- You will be part of a multi-disciplinary research group of clinical and basic science investigators working within national consortia to elucidate leukemogenic mechanisms and to develop target-specific therapies for acute leukemia patients. Within this comprehensive translational approach, we combine preclinical leukemia models and human studies.

Your profile:

- We are looking for an enthusiastic and experienced postdoctoral researcher with a doctoral degree (PhD / Dr. rer. nat.) in Biology, Biochemistry, Genetics or a related field.
- Experience in cell biological and molecular genetic techniques – preferentially in the context of cancer research or immunology are required.
- Experience in CRISPR/Cas9 genome editing, NGS library preparation and analysis of high-dimensional data sets (PLAC-Seq, RNA-Seq, DNA-methylation profiling) are appreciated, but can also be acquired in the research group.
- You will extend established analysis workflows to identify prognostic and age-specific gene expression signatures and underlying genomic profiles in large ALL transcriptome data sets.
- Solid command of the English language is essential, while proficiency in German is not a prerequisite.
- If you are a focused individual with a strong work ethic, ready to independently acquire background knowledge and skills and engage in cooperative work within the group and with the other consortia members, then we are looking forward to your application!

We are looking forward to your application. Please submit your application until **20th May 2022**, indicating your earliest possible starting date as well as the reference number **12492**.

Additional Information:

For more details on the position, please contact Prof. Dr. Claudia Baldus (phone: +49(0)431 500-22500) or Prof. Gunnar Cario (phone: +49(0)431 500-20106)