We are looking to support our rapidly growing team as soon as possible:

PhD Student (f/m/x)

Innere Medizin - Collaborative Research Center (CRC) 1530 Elucidation and targeting of pathogenic mechanisms in B cell malignancies, Research Project B01 (Dr. Laura Beckmann, Prof. Michael Hallek)

TV-L: 38,5 h/week (100%)

limited until December 31, 2029 according to WissZeitVG within the framework of a third-party funded project

Your salary will be based on TV-L EG 13

Your tasks

- Performance of cell biological, molecular genetics and immunological methods in primary samples, preclinical in vitro and murine in vivo models
- Data visualization and communication including oral presentations
- Close collaboration with medical and computational collaborators

Your profile

- A completed university degree (M.Sc. or equivalent) in Biology, Microbiology, Biotechnology, or a related field
- Basic computational skills are desirable
- Previous training and hands-on experience in molecular and cellular biology techniques; experience with animal experimentation is desirable
- A solid understanding of immunology and the molecular mechanisms underlying oncology
- Proficiency in English
- A high level of motivation, genuine curiosity, and enthusiasm for translational research, complemented
  by strong communication and organizational skills, as well as a ability and commitment to work within

Your future with us

We are one of the leading university hospitals in Germany and network research, teaching and health care at the highest level. That's why many things are a lot bigger for us: the spectrum of exciting development opportunities. The limitless openness with which specialists from all over the world work together here. Or our commitment as an employer to support all employees as best we can in reconciling their job with their goals and life situations.

This is the University Hospital of Cologne: Everything but ordinary.

Your future in detail

We are looking for a PhD for a fully-funded (DFG) basic/translational science project on the molecular and
cellular mechanisms of the microenvironment in chronic
lymphocytic leukemia. This project is embedded into the
collaborative research center (CRC) 1530 – "Elucidation and targeting of pathogenic mechanisms in B cell malignancies" and will be co-mentored by Dr. Laura Beckmann and Prof. Michael Hallek. As a part of this

interdisciplinary and collaborative team environments

Our offer

- **Everything but ordinary:** You can expect a secure job in a challenging, innovative environment – including company pension schemes and regular working hours without business trips.
- **Work-life balance:** Whether full-time or part-time, with or without children – with numerous support options, we will find the right path together.
- **Team spirit in R(h)ine culture:** You will be warmly welcomed by an interdisciplinary team that values mutual respect and helpfulness.
- **Strong perspectives:** We offer extensive training opportunities – so you can continuously grow and set new goals.

interdisciplinary research consortium, we will utilize primary patient CLL samples as well as pre-clinical in vitro and murine in vivo models to interfere with the lymphoma supportive microenvironmental niche by perturbing
microenvironmental signaling within the microenvironment and CLL cells. This PhD project focuses on investigating the role of the tumor microenvironment in chronic lymphocytic leukemia (CLL). The research
combines molecular and cellular biology approaches with in vivo murine models, novel spatial technologies, and clinical correlatives to elucidate the mechanisms governing CLL progression. The project is jointly supervised by two principal investigators with complementary expertise in basic and translational lymphoma research. The laboratory is based at the CECAD Research Center on the Medical
Campus of the University of Cologne, providing a collaborative and interdisciplinary research environment with access to state-of-the-art technologies.

People with disabilities are welcome to apply and will be treated preferentially in the event of equal suitability and qualification. The position is suitable for staffing with part-time employees.

Contact

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Application deadline: 20.09.2026

Job-ID: 15uwpn01

apply now

We look forward to receiving your application and getting to know you!