

Scientists in Regensburg, Erlangen and Würzburg work together in the **Collaborative Research Center/Transregio 221** that focuses on unsolved challenges in the treatment of patients with leukemia and lymphoma. The researchers aim at the improvement of allogeneic hematopoietic stem cell transplantation by modulation of graft-versus-host and graft-versus-leukemia immune responses.

For the project B07 'GVHD therapy with *in vitro* expanded regulatory T cells' the CRC/TR 221 is currently looking for a

PhD student (m/f/d)

The position is located in Regensburg and currently limited to **3 years**. Remuneration is according to TV-L (E13; 65%).

The project focusses on immunological mechanisms of allogeneic stem cell transplantation. In particular, tissue specific migration patterns, selection and differentiation processes of therapeutically administered regulatory T cells are analyzed in murine model systems and in patient samples from clinical trials. To further characterize the cells and optimize their efficacy, cutting-edge flow cytometry (deep multi-parameter profiling) and molecular biology methods (CAR-transduction, genome-editing by CRISPR/Cas9, single cell RNA-Seq) will be applied.

Your profile:

- M.Sc degree in Biology, Molecular Medicine or related discipline
- passion for science and high interest in translational research
- basic knowledge of immunology, cell and molecular biology
- ability to work in a team
- experience in experimental animal work (FELASA B certificate) and flow cytometry are advantageous but not mandatory

We offer:

- a responsible, interesting and varied job in the dynamic environment of clinical and basic research at the University Hospital as well as the Leibniz Institute for Immunotherapy in Regensburg
- a structured and interdisciplinary educational program within an integrated research training group
- flexible working hours to reconcile family and career
- assistance in finding housing, job ticket, free parking at UKR, childcare options and much more

Severely disabled applicants and those with equal status will be given preferential consideration in cases of equal suitability.

Please send your detailed application **in electronic form only** to Ms. Karin Meissner at Prof. M. Edinger's office (karin.meissner(at)ukr.de) until **31.07.2022**.

For further information regarding the position please contact the project leaders:

PD Dr. Petra Hoffmann (petra.hoffmann(at)ukr.de)

Prof. Dr. Michael Rehli (michael.rehli(at)ukr.de)

Prof. Dr. Matthias Edinger (matthias.edinger(at)ukr.de)

For further information regarding the CRC/TR 221 please go to: www.gvhgvl.de.