

The **Department of Hematology, Oncology and Stem Cell Transplantation**, Group Martin Zenke, RWTH Aachen University Hospital, Aachen, Germany, invites applications for a

Postdoctoral Research Associate (f/m/d)

on disease modeling with induced pluripotent stem cells (iPS cells).

Candidates must have a PhD, MD, or an equivalent degree in biology, cell biology, biochemistry, molecular biology, biotechnology, molecular medicine or similar disciplines.

The laboratory uses iPS cells to study hematopoietic cells with an emphasis on hematopoietic malignancies with JAK2 and KIT mutations for disease modeling and compound screening (Sontag et al., *Stem cells*, 2017; Satoh et al., *Front. Cell. Dev. Biol.*, 2021; Toledo et al., *Blood*, 2021; Toledo et al., *Stem Cell Res.*, 2022; Liang et al., *Nat. Immunol.*, 2023). Please visit our webpage <https://www.molcell.rwth-aachen.de> for further details.

Your Responsibility

The Postdoc candidate will work in an international and interdisciplinary team on disease modeling of hematopoietic malignancies with patient iPS cells and on drug development for personalized medicine.

The Postdoc candidate should

- hold experience cell culture and molecular cloning.
- generate iPS cells from patient samples and set up iPS cell differentiation systems.
- set-up preclinical models based on compound screening.
- show a strong commitment to work independently and to acquire novel techniques and methodologies

The candidate should be a team player with excellent sense of responsibility, high competency in personnel management and communication.

Excellent competence in writing and communication in English is required, ideally also in German.

We Offer

- An attractive working environment in dynamic, international and interdisciplinary teams
- Excellent development and training opportunities
- Potential for developing own research avenues and acquiring 3rd party funding
- A diverse range of health promotion and the extensive program of university sports
- Children's day care center

The Postdoc position is immediately available for 2 years with the possibility of extension. Salary is according to the German TV-L E13 salary scale including public service benefits.

RWTH Aachen University with more than 47,000 students and more than 6,200 academic staff represents one of the largest universities in Germany.

The RWTH Aachen University is certified as a family-friendly university and offers a dual career program for partner hiring. We particularly welcome and encourage applications from women, disabled persons and ethnic minority groups, recognizing they are underrepresented across RWTH Aachen University. The principles of fair and open competition apply and the appointment will be made on merit.

Please submit enquiries and your application with the reference number **GB-P-42689**, including a letter of motivation, CV, list of publications, names of at least 2 reference contacts as one pdf file until July 31, 2023 to Martin Zenke, PhD, Professor, Department of Hematology, Oncology and Stem Cell Transplantation, Department of Medicine IV, email martin.zenke@rwth-aachen.de

We are looking forward to your application!