

Aachen, 02.10.2017

PhD Student Position

Patient Specific iPS Cells for Studying Leukemia

RWTH Aachen University Medical School

We invite applications of highly motivated individuals for a PhD student position on **disease modelling of leukemia with patient specific induced pluripotent stem cells (iPS cells)**. The project is embedded in the research consortium "Mesenchymal Interactions and Fibrogenic Signalling in Cancer Development: Molecular Mechanisms in Solid and Hematologic Neoplasma" funded by the Interdisciplinary Center for Clinical Research (IZKF) Aachen.

The successful applicant will work in an international team and apply state-of-the-art and advanced techniques of cellular reprogramming and induction of pluripotency in human cells, genome editing by CRISPR/Cas, stem cell specification and differentiation. Working language is English.

Qualifications and experience: The successful applicant should have experience in standard techniques of cell biology, tissue culture and molecular cloning. Willingness for teamwork and the ability to work independently are required.

Salary is according to TV-L scale depending on qualification. The position is available for 3 years starting in January 2018. We particularly welcome and encourage applications from women, disabled people and ethnic minority groups, recognizing they are underrepresented across RWTH Aachen University. The principles of fair and open competition apply and appointments will be made on merit.

The Institute for Biomedical Engineering, Department of Cell Biology, RWTH Aachen University Medical School and Helmholtz Institute for Biomedical Engineering, RWTH Aachen University study genetic programs that determine cell identity and developmental potential, with a focus on (i) hematopoietic stem cells and their differentiated progeny, and (ii) stem cell reprogramming and induction of pluripotency. For further information please see www.molcell.de.

Applications including full CV and contact information of 2 referees should be sent by e-mail to eveline.mierau@rwth-aachen.de until November 15, 2017.

For questions please contact Martin Zenke, PhD, Professor of Cell Biology, Chairman, Director, martin.zenke@rwth-aachen.de, Institute for Biomedical Engineering, Department of Cell Biology RWTH Aachen University Medical School, Pauwelsstrasse 30, 52074 Aachen, Germany
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We are looking forward to your application!