Aachen, 20/11/2019

Postdoc Position

Patient Specific iPS Cells for Disease Modelling of Leukemia

RWTH Aachen University Medical School

We invite applications of highly motivated individuals for a postdoc position on **patient specific induced pluripotent stem cells (iPS cells) for disease modelling of leukemia and compound screening**. The project is associated to the Clinical Research Unit (CRU 344) "*Untangeling and targeting mechanisms of myelofibrosis in myeloproliferative neoplasms (MPN)*" funded by German Research Foundation (DFG).

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, stem cell specification and differentiation, genome editing by CRISPR/Cas, target identification and compound screening. Working language is English.

Qualifications and experience: The successful applicant should a PhD in biology, biotechnology, biochemistry, biomedicine or equivalent life sciences. Applicants should have experience in standard techniques of cell biology, tissue culture, FACS analysis 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 2020 with the possibility for extension. 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 disease modelling. For further information please see www.molcell.de.

Applications with the reference number **GB-P 21621,** including a cover letter, which specifically emphasizes your interest in our work, full CV and contact information of 2 referees should be sent by e-mail to eveline.mierau@rwth-aachen.de until **February 29, 2020**.

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!