



ALBERT-LUDWIGS-
UNIVERSITÄT FREIBURG



The Group of Sebastian Arnold at the Centre for Clinical Research at the University Medical Centre, University of Freiburg (Germany) is seeking highly motivated

PhD students & PostDocs in Stem Cell and Developmental Biology

Successful candidates will join a young and dynamic team and participate in projects funded by the German Research Foundation (DFG), including the Emmy Noether-Programme, Collaborative Research Centre 850 (CRC 850) and the Graduate School 1104 (associated with the Finnish-German Doctoral Training Network/FinGerDevNet). The projects aim to understand the transcriptional and cell biological mechanisms of cell lineage commitment and -segregation during early mammalian development and during specific differentiation of stem cell populations *in vitro*. Specifically, we are interested in unravelling the transcriptional cascades and cell behavioural changes initiated by TGF β signalling and T-box transcription factors during formation of mesoderm and endoderm at mouse gastrulation. We use a broad spectrum of state-of-the-art molecular and cell biology techniques, including functional genomics in mouse, life imaging and high-throughput transcriptome and ChIP-analysis.

For further information please also visit our homepage: www.arnold-lab.com

The Centre for Clinical Research (ZKF) is the main research institute of the Medical Centre with a wide-ranging programme in basic and translational research. It offers a challenging scientific environment with state of the art facilities, interdisciplinary staff and close contact to the international graduate schools.

Positions are available immediately. To apply, please send a motivation letter, including a brief description of research experience and interests, your CV and contact information for references to: Sebastian.Arnold@uniklinik-freiburg.de.

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