

PhD POSITION

University of Freiburg
Institute of Anatomy and Cell Biology
Department of Molecular Embryology

Applications are invited for a PhD position in the project entitled:

Interplay between transforming growth factor beta (TGF- β) and chloride homeostasis in neurons.

We are searching for a highly motivated candidate who is interested in studying the molecular mechanisms underlying interactions between TGF- β and the K⁺/Cl⁻ cotransporter 2 (KCC2). Work will involve molecular and functional characterization of the mechanisms accountable for regulation of KCC2 in neurons under physiological conditions and in response to pathologic stimuli. Further information on the research activities of our group can be found on our homepage: <https://www.anatomie2.uni-freiburg.de/en/science/roussa>

The position is available from **February 1, 2019** onwards. Applicants with a profound interest in cell biology and physiology are encouraged to apply. Laboratory experience in cell biology, biochemistry, and work with transgenic mice is desirable but not mandatory.

Please send your application including CV, research interests and list of publications as a single pdf file to eleni.roussa@anat.uni-freiburg.de

Prof. Dr. Eleni Roussa, Institute of Anatomy and Cell Biology, Dept. Molecular Embryology, Medical Faculty, University of Freiburg, Albertstr. 17, D-79104 Freiburg.