

ERC-funded postdoctoral position in Neurophysiology

A postdoctoral position for neurophysiology and optogenetics is available at the Department of Developmental Neurophysiology, University Medical Center Hamburg, Germany.

Our group investigates the synchronized patterns of electrical activity in the immature brain, their relevance for the development of cognitive and behavioral abilities and their impairment associated with neurological disorders, such as perinatal ischemia and schizophrenia (*www.opatzlab.com*).

We seek a Senior Postdoctoral Neuroscientist to develop, execute and analyze state-of-the-art electrophysiological, optogenetics, anatomical and behavioral experiments in rodents as part of an ERC-funded research project aiming to elucidate the cellular dysfunction in neuropsychiatric disorders. The position offers an excellent opportunity to perform highly collaborative research within the DFG-funded Priority Program 1665 (*www.spp1665.de/*) and Collaborative Research Center 936.

Qualified candidates should hold a Ph.D, M.D. or equivalent qualification, and should have outstanding certificates and very good publication record. Candidates are also expected to have significant experience in electrophysiology and / or optogenetics as well as strong background in mathematics with good programming experience (MATLAB). Good communication skills, creative and independent thinking are mandatory.

The placement will be open until a suitable candidate is found but preferential treatment will be given to applications received before April with a possible starting date between May and September 2018.

Applications including (i) CV, (ii) statement of expertise and interests, (iii) academic achievements and list of publications and (iv) 2 references should be sent to **Prof. Dr. Ileana Hanganu-Opatz** by email (hangop@zmnh.uni-hamburg.de).

Incomplete applications will not be considered.