ERC-Funded Postdoctoral Positions in Neuroscience in Berlin

We are seeking to recruit several post-doctoral fellows with expertise in electrophysiology, molecular biology/proteomics/genetics, and/or microscopical imaging (e.g. high-resolution light or electron microscopy) to study the pathways that control the formation, maintenance and dynamic remodeling of the presynaptic compartment. In the project genome engineering in stem cell-derived neurons and genetically altered mice will be combined with proteomic, high-resolution imaging [see e.g. Jäpel et al (2020) Cell Rep 30: 409–420; Lehmann et al (2019) Science Adv. 5: eaax5775] and systems biology approaches developed in the Haucke lab to identify the origin and composition of synaptic vesicle and active zone precursors, dissect the mechanisms of their axonal transport [see e.g. Vukoja et al (2018) Neuron] and integration into developing synapses and unravel the pathway that controls axonal transport and presynaptic assembly of newly made presynaptic proteins to set synaptic weight. We seek highly motivated, ambitious, and talented scientists to join an enthusiastic and collaborative team in an outstanding scientific environment to perform research.

Qualifications
The successful applicant will hold a Ph.D. in a relevant area (e.g. molecular biology, neuroscience, physiology, biochemistry) and have a strong track record of accomplishment. Candidates with proven interests and/or experience in electrophysiology, microscopical imaging techniques and/or the use and application of stem cell-based neurons or brain organoids are especially encouraged to apply. The applicant should also have excellent written and oral communication skills and display a high personal motivation to excel in science. The working language is English; knowledge of the German language is not required.

Research Environment
The Leibniz-Institut für Molekulare Pharmakologie (FMP) is a non-university research institute that conducts basic research in molecular pharmacology and provides a vibrant and collaborative environment with state-of-the-art facilities for research and employees from all over the world. The Haucke lab is embedded into the NeuroCure Cluster of Excellence (see: http://www.neurocure.de/), a collaborative framework program that combines leading researchers in neuroscience from various Berlin based institutions.

Are you interested?