



The Institute of Physiology II, Jena University Hospital offers a **PostDoc position (m/f)**

The position is embedded in the Research Unit 2518 “Functional Dynamics of Ion channels and transporters – Dynlon” funded by the Deutsche Forschungsgemeinschaft. Dynlon brings together highly experienced scientists combining experimental and computational strategies for studying ligand activation of ion channels and transporters.

In the context of this project, the gating mechanism of hyperpolarization-activated cyclic-nucleotide modulated (HCN) ion channels will be studied with electrophysiological, fluorescence-microscopical, molecular-biological and mathematical approaches. Our lab has long lasting expertise in the mentioned techniques (Biskup et al., Nature 2007; Kusch et al., Neuron 2010; Kusch et al., Nature Chem. Biol. 2012; Nache et al., Sci. Signal. 2012; Nache et al., Nat. Commun. 2013, Brams et al., PNAS 2014) and provides a fruitful and productive working environment.

Profile of the candidate/requirements:

Applicants should have a doctoral degree in a natural-scientific field (e.g. Biophysics, Biochemistry, Physics, Chemistry, Biology, Pharmacology).

Salary: in accordance with TV-L (E 13)

Working hours: 40 hours/week

Commencement: next possible date

Term of employment: initially for 3 years

Being the largest employer in the region, our around 5,000 employees working in 26 departments and clinics provide ambulatory care for around 280,000 patients and inpatient treatment for more than 55,000 patients each year. In addition, 2,300 students of medicine and dentistry are trained, and in 25 institutes, scientists from more than 25 nations do research to advance medicine.

Employees at Jena University Hospital can benefit from a wide range of offers that encourage individual health promotion at work.

We prefer online applications. Please apply for this job via our online application tool on www.uniklinikum-jena.de/Karriere

Reference number: DM11/2017

Closing date for applications: 31.05.2017

In case of equal qualification, persons with disabilities will be given priority.

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