The University Hospital Würzburg and the Charité Berlin will offer from January 1st, 2021

10 PhD positions (m/f/d)

The positions are limited to 4 years. The salary is based on TV-L.

We are:

The clinical research group KFO5001 ResolvePAIN of the German Research Foundation (DFG) is conducted by clinical and basic scientists from the University Hospital Würzburg. Principal investigators are based in neurology, anesthesia, psychiatry, clinical neurobiology and physiology (Charité Berlin).

Do you fit to us?

You are an open-minded, enthusiastic, committed and research-loving scientist (Master in Neurosciences, Biomedicine, Biology, Biochemistry, Psychology, etc.) having completed your studies above average. You thrive in international teams and translational research. We expect you to work independently with a lively commitment within the KFO5001, resilience and flexibility.

We offer:

PhD topics are
1. H. Rittner: Function of CIRL, an antinociceptive protein, in a preclinical neuropathy model (DOI: 10.7554/eLife.56738)
2. A. Brack: Oxidized phospholipids and cholesterol homeostasis in a preclinical model of traumatic neuropathy (DOI: 10.1038/s41598-017-05348-3)
3. C. Sommer: Chemotherapy-Induced Polyneuropathy: Analysis of biomaterials (DOI: 10.1093/braincomms/fcaa012)
4. C. Sommer: Social interaction in a preclinical model of chemotherapy-induced polyneuropathy (DOI: 10.1186/s12974-019-1462-z)
5. K. Doppler: Passive transfer model for autoantibody-induced painful ganglionitis (DOI: 10.1186/s12974-019-1462-z)
6. C. Villmann: The use of cellular/functional assays and high-resolution microscopy to characterize mechanisms of autoantibodies (DOI: 10.1002/ana.25832
7. S. Krug (Berlin): Establishment and characterization of cellular models mimicking the blood-nerve barrier (https://klinphys.charite.de/personen/krug_person_e.htm)
8. G. Hein: Ecological momentary assessment in patients with chemotherapy-induced polyneuropathy or complex regional pain syndrome (DOI: 10.3389/fpsyt.2020.00333
9. M. Sendtner: Effect of NGF/BDNF in cell cultures using high-resolution microscopy (DOI: 10.1038/s41467-017-00689-z)
10. M. Briese: Compartmentalized cell cultures and RNASeq (DOI: 10.1073/pnas.1721670115)

You will find a highly motivated team. Open communication culture is what sets us and the FM apart. The UKW is certified as a family-friendly employer. You will be associated with the doctoral program of the Gradual School of Life Sciences (https://www.graduateschools.uni-wuerzburg.de/life-sciences/startseite/). The University Hospital of Würzburg aims to increase the proportion of women and therefore specifically encourages qualified women to apply.

If necessary, we will support you in finding accommodation and childcare. Disabled people will be given priority if they are equally qualified.

We look forward to receiving your application!

We would like to get to know you! Further information can be obtained by the relevant project leaders or the scientific director Prof. Dr. Heike Rittner, Anesthesiology (Tel : 0170 7870047 or by email). Please send your application in one pdf by November 20, 2020 to: breunig_s@ukw.de