

PHD-student position (E13; 65%) for 3 years available in research on pain sensitization in Greifswald

The project entitled „Antinociceptive effect of transauricular electrical vagal nerve stimulation and its underlying mechanisms (DFG US 85/7-1)“ intends to test the analgetic effect of transauricular electrical vagal nerve stimulation (tVNS) on central sensitization in healthy volunteers. This is an equivalent model for testing effects on pain modulation in patients with chronic pain. In a further approach we will evaluate the involvement of the parasympathetic nervous system in pain modulating effects of tVNS and will then examine whether effective tVNS is modulating functional activation of brain areas, processing emotional and autonomic nervous system aspects of thermal pain. There is a close interaction with researchers from Biological Psychology in Greifswald and the Functional Imaging Unit of the Radiology Department at the UMG. For the third aim a cooperation project with the Functional Imaging Unit has been funded.

We expect:

We are looking for a candidate with a very good Master degree in psychology, neuroscience or comparable program. Applicants with a strong interest in neuroscientific research on learning, emotional processing, and pain processing but also in neurophysiology, with prior experimental and statistical knowledge, and a very good command of English will be given preference. Major responsibilities include planning and running behavioral experiments, data analysis and contribution to publications and project reports.

The hanseatic town of Greifswald with its innovative university at the baltic sea coast provides many opportunities for free time activities and education. ^{[[L]]}_{[[SEP]]}At the University Medicine Greifswald, we wish to promote careers of women in areas in which they are underrepresented. Therefore, we encourage female candidates to send us their applications. In the case of equal qualifications, female applicants will be given preferential consideration. ^{[[L]]}_{[[SEP]]}Our jobs are also suitable for part-time employment. If according applications are received it will be examined whether the extent of part-time wishes is applicable in the context of the required profile. Severely disabled applicants with equal aptitude will be given preferential consideration. ^{[[L]]}_{[[SEP]]}Application costs and expenses occurred as a result of the interview cannot be compensated. The interviews can also be handled per zoom or other online communication tools.

For more information please contact: ^{[[L]]}_{[[SEP]]}Prof. Dr. med. Taras Usichenko or Martin Lotze via E-Mail: taras.usichenko@med.uni-greifswald.de; martin.lotze@uni-greifswald.de