Two Postdoctoral research associates in preclinical fMRI/electrophysiology

University of Glasgow, Institute of Neuroscience and Psychology

We are looking to recruit two Postdoctoral researchers to contribute to research on 1) high resolution fMRI and neurovascular coupling in rodents and 2) high resolution fMRI and electrophysiology in peripheral nerve injured rats. The projects focus on development and application of combined fMRI and electrophysiological methods to address questions pertaining to neurovascular coupling and cortical circuitry in healthy animals and in disease. The projects provide the opportunity for highly interdisciplinary work combining MR-physics with the application of layer-dependent fMRI and electrophysiological and behavioral methods.

Applicants should have a PhD Degree (or expect soon to obtain) or equivalent in (Biomedical) Engineering, Physics, Neuroscience or related field. Ideally, applicants will have experience with MRI or electrophysiology in animals. Applicants will have enthusiasm, and a capacity for acquiring expertise in the techniques and skills necessary for successful completion of the project.

The posts are full-time and funding is available for two and three years resp., with a projected start date asap. There are also expected to be opportunities for long-term development. The posts will be based at the Glasgow Experimental MRI Centre (www.gemric.gla.ac.uk), with possibility to develop collaborations at the Imaging Center of Excellence at the Queen Elizabeth University Hospital, which houses a Siemens Magnetom Terra 7T scanner.

Glasgow is a friendly and vibrant city with a lively music and art scene, excellent restaurants and is regularly highlighted as a top travel destination (Lonely Planet, Rough Guides, National Geographic Traveller, CNN, Guardian), with Loch Lomond less than an hour away and the highlands within a few hours reach.

Enquires may be made to Dr. Jozien Goense (Jozien.Goense@glasgow.ac.uk).

Please apply online

www.gla.ac.uk/jobs

Ref. 0274945 (3 year BBSRC funded)/ 026083 (2 year post)

Closing Date: 19 August 2019

*It is the University of Glasgow’s mission to foster an inclusive climate, which ensures equality in our working, learning, research, and teaching environment. We strongly endorse the principles of Athena SWAN, including a supportive and flexible working environment, with commitment from all levels of the organization in promoting gender equity.*

*The University of Glasgow, charity number SC004401*