BioTechMed-Graz is a cooperative initiative between the University of Graz, the Medical University of Graz and the Graz University of Technology at the interface of basic biomedical research, technological developments and medical applications with the goal of conducting joint health research.

Within the cooperative project BioTechMed-Graz, the three partner universities are pursuing the goal of joining the forces of their existing competences within the four major research areas of 'Molecular Biomedicine', 'Neurosciences', 'Pharmaceutical and Medical Technologies' and 'Quantitative Biomedicine and Modelling' through the establishment of a joint cooperative platform.

BioTechMed-Graz is – besides other projects – focusing on the Postdoc-Pool, which aims at promoting young scientists with international background and integrating them in the framework of BioTechMed-Graz in order to support innovative research in Graz.

For the project

"Neurofeedback as a tool for cognitive training in multiple sclerosis" the Institute of Psychology at the University of Graz is seeking to appoint a

Postdoc

(fixed-term employment for the period of 2 years; position to be filled as of February 1, 2015)

Contact person
Assoz.-Univ. Prof. Dr. Guilherme Wood, Institute of Psychology, University of Graz,
E-mail: guilherme.wood@uni-graz.at, Phone: +43 (0)316 850- 8541

Research partners
Assoc.-Prof. PD Dr. Christian Enzinger

Research topics
- In this multidisciplinary project patients with multiple sclerosis will be trained with a portable neurofeedback system with the aim to improve their cognitive performance and with that possibly improve their quality of life
- The system employed to deliver neurofeedback and record outcomes was developed in the last three years withing an EU Project and has to be adapted for the use with patients with multiple sclerosis, since it was originally developed for stroke patients
- The training will be performed preferentially at the patient's home and the outcome will be assessed with several neurophysiological and neuroimaging techniques

Professional qualifications
- Completed doctorate in psychology, computational biology, medicine or medical sciences.
- The candidate should have expertise in the use, analysis and evaluation of neurofeedback and or imaging techniques.
- Experience in neuropsychological assessment is desired.
- Very good command of English

Personal profile
- High motivation to work in the assessment and further development of neurofeedback as a tool in the cognitive rehabilitation of patients with multiple sclerosis
- Interest in the techniques for evaluation of the outcome of interventions
- High motivation to conduct long training interventions in a small number of patients

The minimum salary as stated in the collective agreement for universities and according to the classification scheme (B1) is EUR 3,483.30 gross/month (Postdoc).

Application Deadline: **October 21, 2014**

If you are interested, please submit your application documents within the stated deadline to: guilherme.wood@uni-graz.at.

Karl-Franzens-Universität Graz
Institut für Psychologie
Brandhofgasse 5
8010 Graz

If you have any questions, please contact Prof. Dr. Guilherme Wood, Department of Neuropsychology, E-mail: christina.eder@uni-graz.at, Phone: +43 (0)316 850- 8541.

Further information can be found at www.biotechmedgraz.at