POSTDOCTORAL CANDIDATE INTERESTED IN APPLYING FOR A FELLOW IN NEUROSCIENCES

Neuropsychology: Healthy aging and Cerebrovascular disease

Are you a postdoctoral researcher thinking about your next career move? Institute of Neurosciences of the University of Barcelona allows you to work in a first class research environment.

Group and project information
Applicants will be integrated into the research group “Neuropsychology: Healthy aging and Cerebrovascular disease” (P.I. Maria Mataro; Researcher ID: B-4524-2011), a multidisciplinary team environment of researchers aware of the need for prevention and treatment of brain and cognitive decline associated with normal aging and disease. Our lab aims to provide new evidence of the impact and effectiveness of neuroprotective non-pharmacological interventions -physical exercise, cognitive training and mindfulness-, to understand their molecular and neural mechanisms and to promote the development of novel strategies in the field of neurorehabilitation. We apply a highly interdisciplinary approach that combines principles from neuropsychology, neuroimaging, biochemistry, engineering and molecular biology within the omics technology. The successful candidate will be involved in the projects entitled “Integrative omics study on the neurobiological effects of physical activity and cognitive stimulation”, “Exercise the Mind and the Brain. A Multimodal intervention in stroke” and Y-FIT project: physical fitness, cognition and wellbeing in young adults. An study from neuroimaging, epigenetics and gut microbiome

The position requires the ability to embrace new technologies and methods. The candidate will have general knowledge of the fields of biology, chemistry, mass spectrometry, metabolomics, proteomics and neuroimaging analysis.

Requirements for candidates:

Skills/Qualifications:
- Doctoral Degree in cellular/molecular biology, genetics, biochemistry, medicine, or related disciplines
- Interest in analysis of transcriptomics or metabolomics data
- Ability to work outside established field of expertise and work well collaboratively in a team environment
- Excellent publication record in the last 5 years

Languages:
- English: Excellent

How to apply
Please submit your CV and a motivation letter to: Maria Mataró (mmataro@ub.edu); Reference: Postdoc fellow)

Deadline: 9 January 2020