



Predoctoral position

Position and Project

A Predoctoral position is available in the Biomedical Engineering Group at the University of Valladolid (Spain). The Predoctoral researcher will focus on characterizing the electroencephalographic neural activity of the migraine disease. The position is part of the project “Análisis y correlación entre la epigenética y la actividad cerebral para evaluar el riesgo de migraña crónica y episódica en mujeres” – Comisión Europea - Programa de Cooperación Interreg V-A España – Portugal (POCTEP) 2014-2020 – Reference: 0702_MIGRAINEE_2_E. The overall objective of the project is to generate new synergies aimed at creating a network of interdisciplinary and transnational cooperation to analyze epigenetic and neuronal factors to develop migraine biomarkers in women. For more information, please visit our website: <http://gib.tel.uva.es/migraine>

Qualifications

Candidates must hold a in Master’s Degree, Bachelor’s Degree or equivalent in Engineering, Mathematics or Physics. We are seeking highly motivated and creative junior Predoctoral researchers with strong interests and experience in signal processing, machine learning and computational modelling. Strong oral and written communication skills in English are essential. Expertise in Matlab and Python programming is preferred. Previous knowledge in EEG analyses, genetics and epigenetics will be valued.

Biomedical Engineering Group (University of Valladolid)

The Biomedical Engineering Group is a multidisciplinary research team associated with the University of Valladolid. It is mainly formed by Engineers and Medical Doctors specialized in various areas, such as neurology, neurophysiology, psychiatry, neumology and ophthalmology, that collaborate in different research lines. For more information, please visit our website: <http://www.gib.tel.uva.es>

How to apply

Formal applications should send a single PDF containing a letter stating your interests, a full curriculum vitae, university grades certificate(s) and English level certificate, and should be sent by email to Dr. Carlos Gómez (carlos.gomez@tel.uva.es) and Dr. Roberto Hornero (roberto.hornero@tel.uva.es) with Reference PREDOC/20/06. Pre-selection will be based on CV, motivation letter, experience and university track record (grades, awards, etc.). Short-listed candidates will be interviewed.

For additional information about the position, please contact Dr. Hornero and Dr. Gómez.

Deadline: March 31st, 2020 (if no suitable candidate is found, the deadline will be extended).

Contract duration: 14 months from the beginning (01/06/2020 al 31/07/2021).