



POSTDOCTORAL CANDIDATE INTERESTED IN APPLYING FOR A JUNIOR LEADER FELLOWSHIP IN NEUROSCIENCES

Machine/deep learning for mental health diagnostics and digital treatment.

Are you a postdoctoral researcher thinking about your next career move? Junior Leader Fellowships are a great option if you are an experienced researcher looking to give your career a boost in Spain. Institute of Neurosciences of the University of Barcelona allows you to work in a first class research environment while benefitting from an attractive salary to cover living, travel and family and research costs.

Group and project information

Applicants will be integrated into the research group "group VISCA" "<http://www.neurociencies.ub.edu/hans-super/>"; (P.I.Hans Supèr).

We are investigating the roles of novel types of very small, involuntary eye movements to understand attention and cognition in humans. This is then applied to mental health diagnosis (e.g. ADHD, Autism, MCI, and Alzheimer) and digital treatment of these diseases. We work with leading scientists from the Universidad Politecnica de Catalunya which provide high level coaching and Braingaze for product development.

Requirements for candidates:

Skills/Qualifications:

- above average skills and intellect in bio-informatics,
- more specifically in machine and/or deep learning,
- bio-signal (pre)processing.
- Python and/or Matlab

Languages:

English: Excellent

Specific Requirements:

- Doctoral degree two to seven years prior to 7th of October

Working conditions:

- Three maximum annual payments of €97,500 which include labor costs €59,000; annual research project costs €38,500; gross annual family assistance €1,200 and mobility assistance €5,400
- Duration: 3 years
- Full time temporary contract
- Starting date: flexible from beginning of May 2020

How to apply

Please submit your CV and a motivation letter to: Hans Supèr (hans.super@icrea.cat);
Reference: Postdoc fellow)

Deadline: 31/08/2020

