JOB OFFER

Date: 26/10/2021

PRINCIPAL INVESTIGATOR: Dr Claudio Toma

SCIENTIFIC PROGRAM: Molecular Neuropathology

JOB OFFER: PhD contract (FPI)

PROJECT TITLE:
Advances in understanding bipolar disorder through the combination of digital phenotyping and genome-wide approaches

PROJECT DESCRIPTION:
This research project is funded by the Spanish Government and aims to: 1) Develop methods for identifying bipolar disorder (BD) patients at-high-risk for suicidal behaviour by applying machine learning approaches combining electronic monitoring data (mobile devices) and individual genetic susceptibility (both common and rare genetic variants); 2) Identify genetic patterns implicated across the phenotypic severity of BD patients by performing genome-wide analyses; 3) Collaborative studies for the identification of susceptibility genes.

DURATION:
4 years

REQUIREMENTS, EXPERIENCE AND ACADEMIC QUALIFICATIONS:
Candidates preferentially with Master in bioinformatics, data science, biophysics, biomedical engineers, or alternatively any master in biological science with TFM in genomics.

CONTACT:
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DEADLINE:
Candidate interested must send a CV and academic records as soon as possible, and not later than November the 9th

OTHER INFORMATION:
http://www.cbm.uam.es/claudio.toma