** JOB OFFER**



**Date: 30/09/2021**

**PRINCIPAL INVESTIGATOR:** María Llorens-Martín

**SCIENTIFIC PROGRAM:** Molecular Neuropathology (Physiological and pathological processes)

**JOB OFFER:** Call for graduate or postdoctoral contract: Bioinformatician

**PROJECT TITLE:** ERC Consolidator Grant 2020 HumAN: Interrogating human adult hippocampal neurogenesis

**PROJECT DESCRIPTION:** HumAN aims at unveiling key aspects of adult hippocampal neurogenesis in humans. The modulation of this process during both physiological and pathological aging will be addressed.

**DURATION:** 12 months, starting on 1 February 2022, extendable annually until 31 January 2025.

**CENTRO DE BIOLOGÍA MOLECULAR SEVERO OCHOA**

C/ Nicolás Cabrera, 1. CAMPUS UAM. 28049 MADRID

**REQUIREMENTES, EXPERIENCE AND ACADEMIC QUALIFICATIONS:**

Requirements: - Degree in Data Science, Bioinformatics, Biomedical Sciences, or equivalent. - Expertise in data science, statistics, and machine learning. - Proficiency in English (level B2 or equivalent). It will also be valued:- Doctorate or Master’s degree in Data Science, Bioinformatics, Biology, or equivalent. - Expertise in processing and analysing microscopy images. -Basic expertise in genomic data analysis. -Basic expertise in neuroscience.

**CONTACT:** m.llorens@csic.es

**DEADLINE:** 14 November 2021, 11:59 pm CET.

**OTHER INFORMATION:**

Tasks to develop: -Development of supervised and unsupervised models for microscopy image analysis. - Development of algorithms in R and Java (Fiji and other image analysis software). - Contribution to the scientific work of all the team members. - Development of own lines of research aligned with HumAN objectives.

Shortlisted candidates will be interviewed on 22–26 November 2021. The selected candidate will be announced on November 30. Interviews will be held online via Zoom or in person.