POSTDOCTORAL CANDIDATE INTERESTED IN APPLYING FOR A MSCA POSTDOCTORAL FELLOWSHIP IN

“mTOR signaling dysregulation in neurodegenerative diseases”

Are you a postdoctoral researcher thinking about your next career move? The Marie Skłodowska-Curie Postdoctoral Fellowships (before called Individual Fellowships) are a great option if you are an experienced researcher looking to give your career a boost by working abroad.

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 costs.

Group and project information

Applicants will be integrated into the research group of Dr. Cristina Malagelada
Website: https://www.malagelada-lab.eu/

In the CNS, mTOR is a serine/threonine kinase that modulates survival, plasticity, inflammation and neurodegeneration. Indeed, mTOR kinase activity and signaling is compromised in pathological processes including Alzheimer’s disease, Parkinson’s disease, Huntington’s disease, and cortical dysplasia.

Our main research line is the study of mTOR signaling and one of its main modulators, the protein called RTP801/REDD1, in inflammation and neurodegeneration associated with Parkinson’s disease, Huntington’s disease and Alzheimer’s disease.

Functions and tasks

The candidate will be performing studies to evaluate the canonical and novel non-canonical mTOR/RTP801 axis in several neurodegenerative diseases and therapeutic approaches. The candidate will be using murine models, primary cultures and patient-derived samples (PBMCs and postmortem tissue).

Requirements for candidates:

Skills/Qualifications:
- PhD or equivalent (Recognized Researcher R2)
- Preferred skills of the candidate:
  - scientific creativity and independence.
- neuronal cultures, behavioral tests expertise, molecular biology techniques.
- biochemical techniques (WB, IHC, IP, etc), rodent brain surgery, RNA isolation.
- excellent communicative and collaborative skills and capacity to work in a group.

Languages:
English: Excellent

Specific Requirements:
- Candidates must fulfill eligibility MSCA criteria

Working conditions:
- Full time temporary contract
- Possibility of a salary before fellowships' resolution for outstanding candidates.
- Gross salary of about € 50,000
- Duration: ranging from 12 to 36 months depending on the typology of the fellow
- Starting date: flexible from beginning of May 2022

Support for candidates

The Institute of Neurosciences and the International Research Projects Office at the University of Barcelona could offer you:
- Personalized support on the application
- Personalized mentoring if pre-selected (valued in 4000 euros)
- Support on other national calls such as Beatriu de Pinós and Junior Leader

How to apply

Please submit your CV and references’ contacts to:
Dr. Cristina Malagelada (cristina.malagelada@ub.edu);
Reference: MSCA PF Candidate

Deadline: 22 June 2021