



## Postdoctoral candidate interested in applying for a MSCA Postdoctoral Fellowship in

### Extracellular vesicles and neurodegeneration and neuroinflammation

Are you a postdoctoral researcher thinking about your next career move? The Marie Skłodowska-Curie Postdoctoral 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 "Malagelada's lab"; P.I: Cristina Malagelada <https://www.malagelada-lab.eu/>

The applicant will be involved in the research of role of brain-derived extracellular vesicles and the mTOR pathway and their contribution to neurodegeneration and neuroinflammation

#### Functions and tasks

- Behavioral tests for motor learning and cognitive performance
- Biochemical assays: WB, IHC, Elisa, etc.
- Molecular biology assays: RNA isolation
- Primary cultures
- In vivo imaging and MRI

#### Requirements for candidates:

##### *Skills/Qualifications:*

- PhD or equivalent (Recognised Researcher R2)
- List other required/favored skills: Extracellular vesicles isolation techniques, neural primary cultures, behavioral assessment experience, molecular biology and biochemistry background.

##### *Languages:*

English: Excellent





*Specific Requirements:*

- Candidates must fulfilled eligibility MSCA criteria

**Working conditions:**

- Full time temporary contract
- 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 2025

**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 3000 euros)
- Support on other national calls such as [Beatriu de Pinós](#) and [Junior Leader](#)

**How to apply**

Please submit your CV and any reference letters to: [cristina.malagelada@ub.edu](mailto:cristina.malagelada@ub.edu)

Reference: MSCA PF Candidate)

**Deadline: 15/06/2024**

