



## Job offer for researchers, research technicians or research support officers under Chapter 6 allocation

### Job offer

#### Title

38/2023 - A postdoctoral contract to provide support to project RTC2019-007399-1.

### Main researcher

**Name:** Manuel

**Last name 1:** Torres

**Last name 2:** Canalejo

**Department:** Department of Biology

### Contract details

#### Job description

The tasks to be undertaken are part of project RTC2019-007399-1 on identifying and validating prognosis biomarkers and treatment responses in patients with glioma, and assessing the pharmacological activity of their main metabolite. In order to complete the proteomic and protein-lipid interaction studies indicated in part four of the project, we are seeking an expert researcher in the biophysics of plasma membranes in human cells.

**Category:** R2 - Doctor (PhD)

**Qualification:** PhD or equivalent

**Field of research:** Physics

**Subarea of research:** Biophysics

#### Contract type details

**Type of contract:** Permanent

**Full/Part-time:** Full-time

**Hours per week:** 37,5

**Work schedule:** Flexible

#### Application submission deadline

From Monday, February 27, 2023 until Monday, March 13, 2023

**Planned start date:** Tuesday, April 25, 2023

**Planned end date of the tasks subject to the contract:** Friday, June 30, 2023

## Research project / Agreement

Type of activity: Project

Funding body: Proyecto de referencia RTC2019-007399-1 financiado por MCIN/ AEI /10.13039/501100011033

Call: Reptes-Col·laboració (Antic Subprograma INNPACTO)

Programme: Programa Estatal d'R+D+i Orientada als Reptes de la Societat: Reptes-Col·laboració (antics projectes INNPACTO)

Reference number / Official code: RTC2019-007399-1

Number of positions available: 1

## Candidate requirements

### Skills/Qualifications

Graduate in pharmacy or physics.

Master's in research linked to physics or biophysics.

PhD linked to modelling biological membranes.

### Specific requirements

Knowledge of:

Cell membrane structure and dynamics

X-ray diffraction (XRD and SAXS)

Fluorescence microscopy (confocal, FRAP and FRET) X-

ray electronic density profiles.

### Language requirements

A C1-level in English or higher.

Experience required: 1-4 years

### Prior experience

A minimum two years of postdoctoral experience.

Proven experience in preparing MLV and GUV liposomes.

Proven experience in Dynamic Light Scattering (DLS).

## Additional information

Monthly salary and benefits: 3.139,56 €

### Selection process

In accordance with article 8 of REGULATORY AGREEMENT 145140 of 15th June 2022 that approves the regulation governing the recruitment of research staff under chapter 6 allocation of the university budget, as well as technical or operational research staff.

Selection criteria:

•Accomplishments in the field (max. 40 points)

•Qualifications in the specialised area (max. 20 points), other (max. 5 points)



- Video CV and, where applicable, a personal interview (max. 20 points)
  - Experience in the field (max. 15 points), e.g.: > 3 years (10 points), < 3 years (5 points)
  - Other merits (max. +5 points), e.g. letters of reference.
- Eligibility threshold: 60 points.

### Selection comitee

- The relevant Pro-Vice-Chancellor for research (or delegated representative) as chair.
- The supervisor (or delegated representative).
- The members of the Research Area Assessment Committee (CARAI).
- One or more expert members in the topic pertaining to the recruitment and chosen by the chair of the committee, where applicable.
- The head of FORHU (or delegated representative), as secretary, who may speak but not vote.

### Additional comments

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