

<b>Job title:</b> Research technician ref. MELIS-PSR-INDF-2026-14
<b>Date of publication of the job offer:</b> 26/05/26
<b>Research line:</b> Molecular and physical principles of cell compartmentation and protein secretion
<b>Project and Institution that finance the contract:</b> COFREDCEXS
<b>Job description:</b> <ul style="list-style-type: none"><li>- Work (wetlab and drylab) in a project studying the spatiotemporal dynamics of protein export from the endoplasmic reticulum</li><li>- Generate cell lines (using CRISPR/Cas9), cell culture lab work</li><li>- Single-molecule imaging using sptPALM</li><li>- Data analysis</li><li>- Training other lab members in the aforementioned tools and research projects.</li></ul>
<b>Information on the minimum requirements:</b> <ul style="list-style-type: none"><li>- High school diploma.</li><li>- Expertise in advanced fluorescence microscopy techniques (including confocal microscopy and single-molecule tracking in living cells, sptPALM if possible).</li><li>- Expertise in single molecule data analysis (TrackMate, trajectory analysis, etc.) and Matlab/Python coding.</li><li>- Experience in mammalian cell culture (including transfections, drug treatments, etc.).</li><li>- Experience in gene editing techniques (knockins, CRISPR/Cas9).</li><li>- Theoretical knowledge of membrane trafficking and ER biology.</li><li>- Proficiency in English, both spoken and written.</li></ul>
<b>Other requirements:</b> <ul style="list-style-type: none"><li>- Previous experience in similar lab environments.</li></ul>



- A degree in Biology, Physics, Nanotechnology, or related fields will be considered an advantage.

- MSc in biology, biophysics, biophotonics, or related fields.

**Expected remuneration:** annual gross salary of 27.838,56 €

**Group and complement:** PSR 3 level U

**Dedication and working time:** 32.5 hours/week

**Type of contract:** open-ended contract, according the *RD 32/2021 de 28 de desembre de 2021*; and the *article 23 bis de la Llei 14/2011 d'1 de juny, de la Ciència, la Tecnologia i la Innovació*.

**Selection criteria:**

1. Academic background: 0-20 points.
2. Professional experience/Appropriateness to the proposed profile: 0-60 points.
3. Other achievements: 0-20 points.

Minimum score to pass the selection process: 90 points.

**Comissió de selecció:**

President: FELIX CAMPELO

Member 1: ORIOL GALLEGO

Member 2: BERTA ALSINA ESPAÑOL

**Information on the application process:** send an email with a copy of the candidate's curriculum vitae, indicating the **reference MELIS-PSR-INDF-2026** in the subject line.

**Contact:** [recruitment.melis@upf.edu](mailto:recruitment.melis@upf.edu)

**Deadline to submit Applications:** 09/06/2026