



<b>Date of publication of the job offer:</b> 17/05/2024
<b>Job title:</b> Research Support Personnel in Molecular Physiology (REF: MELIS-PSR-INDF-2024-23)
<p><b>Job description</b></p> <p>One Research Support Personnel position is available to work in the PROJECT <b>“Pharmacological and neurophysiological profiling of novel Ca<sub>v</sub>2.1 modulators to develop new therapies for Hemiplegic Migraine and related neurological disorders”</b>. The tasks associated to the research project will be developed by the candidate with the support of all the members of the lab. These tasks will mainly include functional and pharmacological studies of ion channels in murine cortical neurons in culture and transiently transfected cell lines, using electrophysiological techniques, calcium fluorescence images and molecular biology techniques (mutagenesis, sequencing, expression, western blot). Other tasks to be carried out are data analysis, graphic representation, report writing and oral communication of results at national and international scientific meetings. This project involves carrying out tasks that cannot be undertaken by UPF's own staff.</p>
<p><b>Project and Institution that finance the contract</b></p> <p>This contract will be funded by the Spanish Ministry of Science and Innovation (MICIU), Agencia Estatal de Investigación (AEI) and the European Union (FEDER)</p> <p><b>Official number reference:</b> PID2022-136546OB-I00/MICIU/AEI/10.13039/501100011033/FEDER,UE “Pharmacological and neurophysiological profiling of novel Ca<sub>v</sub>2.1 modulators to develop new therapies for Hemiplegic Migraine and related neurological disorders”</p>
<p><b>Information on the minimum requirements</b></p> <ul style="list-style-type: none"> <li>• Batxillerat/ FP2</li> </ul> <p><b>Other requirements</b></p> <ul style="list-style-type: none"> <li>• Degree in Human Biology or Biomedicine.</li> <li>• Experience in Electrophysiology, Calcium Imaging, Pharmacology, Neuronal Primary Cultures, Molecular Biology techniques, Western Blot analysis and/or Immunocitofluorescence.</li> <li>• Experience in ion channels research will be a definitive advantage.</li> <li>• Knowledge in Statistics.</li> <li>• High level of English, written and spoken</li> <li>• High level of Office package (including powerpoint and excel)</li> </ul>
<p><b>Benefits of the opening:</b></p> <p>Contract as PSR 3-U Expected remuneration (per year): 28.113,56 € Full-time position: 35 hours/week</p> <p>Place of work: Laboratory of Molecular Physiology Department of Medicine and Life Sciences University Pompeu Fabra Barcelona Biomedical Research Park (PRBB) C/ Dr. Aiguader, 88, 08003 Barcelona</p> <p>Tentative Start date: June 2024; Duration of the contract: 2 years.</p> <p>The duration of this contract is expected to be 24 months. Given that this contract will be financed through an extra-budgetary resources as a result of finalist external income, it may be terminated for objective reasons due to the insufficiency of these resources for the maintenance of such contract, in accordance with article 52.e of the "Statute of Workers".</p>



**Contract type:** Indefinite, according to RD 32/2021 of December 28th, 2021; and article 23 bis of Law 14/2011 of June 1st, 2011 of Science, Technology and Innovation.

**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: 80 points.

**Selection Committee:**

PRESIDENT: José Manuel Fernández Fernández  
VOCAL 1: Jordi Garcia Ojalvo  
VOCAL 2: Berta Alsina Español

**Information on the application process:**

The interested candidates must send their CV to the address: [recruitment.melis@upf.edu](mailto:recruitment.melis@upf.edu) and [jmanuel.fernandez@upf.edu](mailto:jmanuel.fernandez@upf.edu), showing the reference **MELIS-PSR-INDF-2024-23**. All dossiers will be handled with confidentiality.

The University Pompeu Fabra is an equal-opportunity employer.

**Deadline to submit applications: 03/06/2024.**