



Convocatòria: MELIS-INV-INDF-2026-05

Expedient: X2026007888

<b>Job title:</b> Postdoctoral position ref. MELIS-INV-INDF-2026-05
<b>Date of publication of the job offer:</b> 06/03/2026
<b>Research line:</b> <i>Whole-brain modelling and brain simulation</i>
<b>Project and Institution that finance the contract:</b> PID2024-155136NI-I00/MICIU/AEI/10.13039/501100011033 / FEDER, UE  Biomarkers and Reversibility in Aging Networks for Sex-Specific Evaluation (BRAINSAGE)
<b>Job description:</b>  The BRAINSAGE project addresses critical gaps in understanding how aging affects brain Dynamics in men and women. Focusing on neuroimaging biomarkers, computational modeling, and the integration of psychology and neuroscience, the project uncovers mechanisms underlying age-related cognitive and emotional changes while emphasizing sex-specific differences.  The International project is led by Gustavo Deco, Universitat Pompeu Fabra, Gustavo Patow, Universitat de Girona and Petra Ritter, Charité – Universitätsmedizin Berlin.  The investigator will work on tasks related to objective: Objective 2: Characterizing Aging and Sex Differences Using Model-Free Frameworks
<b>Information on the minimum requirements:</b> <ul style="list-style-type: none"><li>● Possess a doctoral degree (PhD).</li><li>● Must not have been dismissed from any public administration through disciplinary proceedings, nor be legally barred from performing public functions. For nationals of other countries, they must not be disqualified or in an equivalent situation, nor have been subject to disciplinary measures or their equivalent that would prevent, in their country, access to public employment under the same conditions.</li><li>● Advanced knowledge in computational neuroscience. PhD in Neuropsychology, Computational Neuroscience or similar will be valued</li><li>● Demonstrable experience (publications), performing:<ul style="list-style-type: none"><li>○ Studies of the resting brain, altered states of consciousness and stimulation techniques.</li><li>○ Medical image analysis (EEG, fMRI, MEG, ...) using observables in different time/frequency/mixed spaces.</li></ul></li><li>● High level of English</li></ul>

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<p><b>Expected remuneration:</b> According to the salary tables (currently 36,663.72 € gross per year).</p>						
<p><b>Work category:</b> Ordinary Researcher, Type 1 (no teaching duties).</p>						
<p><b>Dedication and working time:</b> 37,5 hours/week (full time)</p>						
<p><b>Type of contract:</b> open-ended contract, according to the article 23 bis from the <i>Ley 14/2011, de 1 de junio, de la Ciencia, la Tecnología y la Innovación</i>.</p> <p>Although this is an open-ended contract, it is expected to last approximately six months, from May or June to October or November 2026.</p>						
<p><b>Selection criteria:</b></p> <ol style="list-style-type: none"><li>1. Academic background: 0-20 points.</li><li>2. Professional experience/Appropriateness to the proposed profile: 0-60 points.</li><li>3. Other achievements: 0-20 points.</li></ol> <p>Minimum score to pass the selection process: 60 points.</p>						
<p><b>Selection Committee:</b></p> <table><tr><td>PRESIDENT: Gustavo Deco</td><td>Substitute: Rubén Moreno</td></tr><tr><td>MEMBER 1: Nuria Sebastián Gallés</td><td>Substitute: Olga Valverde Vida</td></tr><tr><td>MEMBER 2: Salvador Soto Faraco</td><td>Substitute: Juan Manuel Toro</td></tr></table>	PRESIDENT: Gustavo Deco	Substitute: Rubén Moreno	MEMBER 1: Nuria Sebastián Gallés	Substitute: Olga Valverde Vida	MEMBER 2: Salvador Soto Faraco	Substitute: Juan Manuel Toro
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<p><b>Information on the application process:</b> Applications can be submitted by email to <a href="mailto:recruitment.melis@upf.edu">recruitment.melis@upf.edu</a>. Please include the reference MELIS-INV-INDF-2026-05 in the subject line and provide your DNI/NIE or passport number in the body of the email.</p> <p>Applications must be accompanied by documentation proving the required academic qualifications and the merits being evaluated. If copies are submitted, the original documents may be requested at any time.</p> <p><b>Deadline to submit applications:</b> The deadline for submitting applications is five calendar days from the day after the announcement is published on the Pompeu Fabra University website (<a href="https://www.upf.edu/web/biomed/job-offers">https://www.upf.edu/web/biomed/job-offers</a>).</p>						