

OFFER – Technician position. Bioorthogonal Chemistry.

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The IBF is a joint research centre of the University of the Basque Country (UPV/EHU) and the Spanish National Research Council (CSIC). In partnership with Fundación Biofísica Bizkaia (FBB), the centre focuses on advancing knowledge about the physical and chemical processes underlying biology and disease. With the FBB accredited as a Basque Excellence Research Centre (BERC) by the Basque Government, the IBF and FBB partnership enjoys a strong national and international reputation, and provides outstanding shared facilities for advanced biophysical and structural biology approaches in a new research building in the main Leioa campus of the UPV/EHU.

Offer and description of the project

We offer a technician position at the FluoroNanoTools lab (<https://www.biofisika.org/en/research/fluoronanotools-laboratory>) at Instituto Biofisika (Leioa) under the supervision of Dr. Mónica Carril.

The research will focus on the scale up of bioorthogonal strategies to label membrane receptors *in vivo*. The technician will reproduce and scale up the synthesis of molecules of certain complexity in the frame of a collaborative interdisciplinary project that aims to neuromodulate the neuronal response. We aim to use ligand directed receptor covalent labelling, followed by bioorthogonal binding with suitably modified probes. The researcher needs to have a strong background in organic synthesis and previous experience in handling HPLC-MS equipment will be highly valued.

The maximum duration of the contract will be until December 2025 and will carry a gross annual salary of up to 30,000 euros.

Required background

We seek highly qualified applicants, preferably with a PhD in organic, medicinal or pharmaceutical chemistry, or with proved experience in synthesis.

Good written and oral communication in English is valued.

We are an equal opportunity employer committed to diversity. Applications should be addressed through the Biofisika website contact page (<http://biofisika.org/contact/>), adding the following subject: [Job Application: ***121 MCarril***]. It is recommended that applications are made as soon as possible as they will be considered upon arrival. Applications in a single pdf file must include:

- Curriculum Vitae.
- A motivation letter.
- The contact of 2 referees

Deadline: May 31, 2024