

Post doctoral researcher on materials for brain stimulation

Job Summary

A post doctoral position is offered at the Soft matter nanotechnology group. The aim of the position is to work on the development of smart soft materials for neurostimulation.

The post doct will participate in the European Project CROSSBRAIN: Distributed and federated cross-modality actuation through advanced nanomaterials and neuromorphic learning. The aim of the project is to develop wireless implantable devices for neurostimulation, applying novel actuation modalities for interfacing neurons with potential applications in the treatment of neurodiseases. The post doct will work on the development of smart electroresponsive coatings for ionic and mechanical neural stimulation.

Education Level:

PhD on Chemistry, Material Science or Physics

Skills:

Candidates should have a background in material science at the interface with bio sciences, experience on polymer synthesis, redox/conductive polymers and hybrid materials is required as well as good command in English.

Duration:

Temporary full time contract with an initial duration of 1 year renewable up to 24 months.

Envisaged Job Starting Date: November 2022

Application Deadline: 2022-10-02

Project Funding:

- CROSSBRAIN - 101070908 - (European Commission - Horizon Europe)

How to apply: [Check the full details at webpage](#)

Informal Inquiries: Informal requests for additional information can be sent to *Sergio Moya* at smoya@cicbiomagune.es.

Applications sent directly to the emails listed above **will be NOT be accepted**

Equal opportunities Policy: CIC biomaGUNE is proud to be an equal opportunity employer and applicants will receive consideration for employment without regard to: age, color, disability, gender, national origin, race, religion, sexual orientation, gender identity, or any other classification protected by European, national, or local law.

Open Transparent and Merit Based Recruitment Policy:

[You can check here CIC biomaGUNE OTM-R Policy](#)

About CIC biomaGUNE

CIC biomaGUNE, located in the Science and Technology Park of Gipuzkoa (Donostia-San Sebastián), is a leading research center in the area of bionanomaterials, molecular imaging and regenerative medicine and counts with more than 160 people from 24 countries. The activity of CIC biomaGUNE is conducted by a team of 11 international and dynamic research groups, supported by flexible and efficient management teams and a unique research infrastructure including the Molecular Imaging Facility, one of the biggest preclinical imaging research infrastructures in Europe.

CIC biomaGUNE maintains a vibrant weekly scientific seminar program by visiting leading scientists. Additional training in soft skills and technologies covered by the CIC biomaGUNE technical platforms is offered to researchers within the in-house training program.

CIC biomaGUNE is committed to developing an HR Strategy for Researchers, designed to bring the practices and procedures in line with the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (Charter and Code).

Please check out the Human Resources Strategy for Researchers - [HRS4R at CIC biomaGUNE](#).