

PhD in organic/polymer synthesis

Job Summary

A PhD Fellowship is offered to work in the group of Dr. Sergio E. Moya (Soft Matter Nanotechnology at CIC biomaGUNE). The fellowship will focus on the synthesis and characterization of hydrogels. Hydrogels will be used for modification of magnetic nanodiscs for applications on neurostimulation. The aim of the thesis is to develop different composite architectures with magnetic nanostructures and polymers. The thesis involves the synthesis of monomers and the use of different polymerization strategies.

The PhD student will have as main goal to do synthetic work for the functionalization of magnetic nanostructures and the preparation of polymer coatings and hydrogels. The PhD student is expected to be familiar with organic chemistry synthesis and polymerization techniques. Work will be conducted in close collaboration with the Friedrich-Alexander-University Erlangen-Nürnberg in Germany

Education Level:

A master degree in Chemistry.

Skills:

Experience in organic/polymer synthesis.

Good command of english

Willness to work in a multidisciplinary and international environment

Availability to carry out part of the thesis abroad

Duration:

Full Time Predoctoral Contract 12 months annually extended until a maximum of 36 months

Envisaged Job Starting Date: april 2024

Application Deadline: 2024-03-22

Project Funding:

- BRAINSTORM - 101099355 - (European Commission - Horizon Europe)

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

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](#).