

Post-doctoral position at Carbon Bionanotechnology Lab

Job Summary

Applications are invited for a multidisciplinary post-doctoral position at the Carbon Bionanotechnology lab at CIC biomaGUNE to develop innovative analytical platforms based on graphene field effect transistors for the ultrasensitive detection of pathogenic viruses.

We are looking for an experienced and independent researcher with a strong background in electrochemistry and biosensor design. Previous experiences with transistors, nanotechnology, and material science will be positively evaluated. The candidate will be involved in the chemical modification and the physicochemical characterization of the transistors. Furthermore, he/she will evaluate the analytical performances of the platform and their application in real samples.

Education Level:

Ph.D. in Chemistry/Chemical Sciences, material science, or electronic engineering.

Skills:

- Experienced researcher
- Solid background in electrochemistry
- Solid background in biosensors
- Experience with carbon nanomaterials is preferred.
- Experience with Material Science is preferred
- Experience with transistors is preferred
- Proficiency in English, spoken and written.

Duration:

Full Time Temporary 3-year contract

Envisaged Job Starting Date: March - April 2024

Application Deadline: 2024-02-19

Project Funding:

- FLUFET - 101130125 - (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](#).