

Postdoctoral position in the area of Engineering conductive proteins

Job Summary

A postdoctoral position is available in the area of Engineering conductive proteins and exploits the potential of protein engineering to encode electron and proton conduction in a protein system with self-assembly properties. The position is within the European FET-Open Project e-Prot "Engineered conductive proteins for bioelectronics", which focuses on the development of efficient conductive protein systems for novel green and sustainable conductive materials.

This project will be focused on the development of efficient conductive protein systems for novel green and sustainable conductive materials. This collaborative and interdisciplinary project exploits the potential of protein engineering to encode electron and proton conduction in a protein system with self-assembly properties. The project focuses on the design and characterization of robust proteins, with optimized electronic and ionic conductivity.

The project is highly multidisciplinary and combines research involving biochemistry, protein engineering, protein chemistry, bionanotechnology, and materials science.

The project will be carried out at the **CIC biomaGUNE**, a vibrant multidisciplinary and international research institutes in San Sebastian, Spain. The institute has established a state of the art research programs at the interface between the chemical, biological. It offers excellent working conditions and it is well equipped with instrumentation and facilities.

Education Level:

Candidates should have a PhD degree in Biochemistry, Chemistry, Biophysics, Material Sciences, or a related discipline.

Skills:

We are looking for a candidate with a solid background in **bioelectronics, protein engineering, molecular biology, chemical biology, nanotechnology, and/or material sciences**, or have equivalent experience. The candidate is expected to have interest in multidisciplinary work, and the capacity to work in an international environment. Excellent interpersonal skills as well as written and oral communication skills in English are required.

Duration:

Full Time Temporary Contract, vinculated to the lenght of the research project mentioned area.

Envisaged Job Starting Date: July 2023

Application Deadline: 2023-06-15

Project Funding:

- e-Prot - 964593 - (European Commission - H2020)

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](#).