Postdoctoral Position in Engineering Conductive Proteins

Biomolecular Nanotechnology Group

at CIC biomaGUNE (San Sebastian) within the European FET-Open Project *e-Prot* "Engineered conductive proteins for bioelectronics"

Job Full Description:

A postdoctoral position is available in the area of **Engineering conductive proteins**.
The project e-Prot "Engineered conductive proteins for bioelectronics", is funded by the European Union's Horizon 2020 FET Open.The project focuses on the development of efficient conductive protein systems for novel green and substaineable conductive materials.
This collaborative interdisciplinary project exploits the potential of protein engineering to encode electron and proton conduction in a protein system with self-assembly properties. In particular the project at CIC biomaGUNE focuses on the design and characterization of robust proteins, with optimized electronic and ionic conductivity and to establish rules to encode conductivity in protein scaffolds.

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

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

Required Skills/Qualifications: We are looking for a candidate with a solid background in **protein chemistry, protein engineering, molecular biology, nanobiotechnology, chemical biology, 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.

Project Funding: European Union's Horizon 2020 FET Open under the gran agreement No: 964593 project e-Prot entitled "Engineered conductive proteins for bioelectronics"

Type of Contract and duration: The successful candidate will be hired by CIC biomaGUNE for an initial period of 12 months, extendable to 24 depending on performance, development of the project and availability of funds.

Envisaged Job Starting Date: Starting date at the earliest convenience**.**

Application Deadline: December 10th, 2021.

How to Apply: Candidates should submit a motivation letter, CV and the contact information of two referees using the following form and indicating "3291_30868-Postdoc" as reference.

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.