

The Nanoscience Cooperative Research Center, CIC nanoGUNE, located in Donostia / San Sebastian, Basque Country (Spain), is currently looking for a

Post Doctoral Researcher

to work on

Our current climate emergency demands the transition to a biobased and circular economy, where multiple end products can be derived from renewable biomass resources. We are seeking for candidates to fill a postdoctoral position in experimental biochemistry, with a focus on protein design, engineering, and application in material sciences. The successful candidate will form part of a consortium with other institutions and companies, Aalto University (Finland), KTH University (Sweden) and the company UPM-KYMMENE (Finland), to work in the design of novel materials using the principles of enzyme catalysis and protein design. The successful candidate is expected to be an active part of the consortium participating in all activities programmed by the coordinators of the project including research, meetings, dissemination, organization, student guidance, amongst others.

NanoGUNE is a research center devoted to conducting world-class nanoscience research for a competitive growth of the Basque Country. NanoGUNE is a member of the Basque Research and Technology Alliance ([BRTA](#)) and is recognized by the Spanish Research Agency as a *María de Maeztu* Unit of Excellence.

The **position** is offered in the Nanobiotechnology Group, led by Perez-Jimenez, Raul (r.perezjimenez@nanogune.eu). The Nanobiotechnology group is focused on atomic-force microscopy to study the mechanical features of proteins. The group is led by Dr. Perez-Jimenez and uses advanced molecular-biology techniques and cutting-edge force spectrometers to investigate the role of mechanical forces in biology..

The candidate will join a **research line** focusing on . More information can be found at <https://www.nanogune.eu/nanobiotechnology>.

The aim of the **project** is to To work in the BioUPGRADE project, “Biocatalytic upgrading of natural biopolymers for reassembly as multipurpose materials” under the program Future Emerging Technologies (FET Open) funded by the European Commission..

The successful **candidate** will have a The ideal candidate should have a PhD in Chemistry, Biochemistry, Biotechnology or related fields, with a background and interest in biomaterials, biotechnology and nanobiotechnology. The candidate should also demonstrate proficiency in English and communication skills, good hands-on experimental work, and a cooperative attitude..

Additionally, the candidate should demonstrate experience in the following skills:

Although not compulsory, the following points will be considered:

- **We promote** teamwork in a diverse and inclusive environment and welcome all kinds of applicants regardless of age, disability, gender, nationality, race, religion, or sexual orientation.

The position is expected to start in 21/03/2022 and for a total length of up to 12 months (21/03/2022 - 20/03/2023) in the Nanobiotechnology Group. The contract will be funded by the .

Candidates should **apply** by completing the form below and attaching the following documents:

- a. A complete CV
- b. A cover letter and at least two reference letters grouped in a single PDF file

The **deadline** for applications is **18/03/2022**.

NOTES:

- (i) All applicants will receive an answer after the end of the selection process; but please note that due to the large number of submissions that are expected, we cannot provide individual feedback.*
- (ii) Additional information about nanoGUNE's commitment towards [HR excellence in Research and Gender Equality](#) are available on our website.*
- (iii) We encourage you to subscribe to our [HR mailing list](#) to receive information related to nanoGUNE's open positions and open calls for different training and talent attraction programs.*