

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

PRE-DOCTORAL RESEARCHER

to work in

Biocatalytic upgrading of natural biopolymers for reassembly as multipurpose materials



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.

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 Post-doctoral position in experimental biochemistry, with a focus on protein design, engineering, and application in material sciences. The 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. In addition, as part of the consortium, the candidate will be participating in all activities programmed by the coordinators of the project including research, meetings, dissemination, organization, student guidance, amongst others.

The successful **candidate** should have a Master 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.

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 a fixed-term position that it is expected to start in 04/07/2022 and for a total length of up to 12 months (04/07/2022 - 01/07/2023) in the Nanobiotechnology Group, with the possibility of renewing after evaluation of performance. The contract will be funded by the European Commission under the program Future Emerging Technologies (FET Open).

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

- A updated CV
- A 1-2 pages research statement, including contact information of two reference scientists.

By submitting this application, the candidate accepts that his/her candidacy maybe evaluated by all members of the consortium.

The position will be kept open until filled, but **candidates review** will start on **July, 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.