

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

### Post-doctoral Researcher on Biofabrication (NovaSpider)

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 candidate will join a research line focusing on building multiphase functional 3D scaffolds for tissue regeneration through additive manufacturing technologies.

The aim of the research project will include biofabrication services with NovaSpider, as well as support and customer service activities regarding NovaSpider.

The successful candidate will have a PhD degree in natural science or related fields and:

- Ability to work independently in a multidisciplinary research environment, from medicine to physics, and to contribute to team efforts and projects.
- Ability to communicate effectively scientific ideas, and to foster collaboration.
- Proven proficiency in written and spoken English (Spanish is a plus).

In addition, experience in the at least one of the following technologies is required:

- 3D-bioprinting
- Melt electrowriting

... with at least one of the following material classes:

- hydrogels
- biomaterials
- polymer design and processing
- extracellular matrix-like fibrous meshes organoids

Although not compulsory, the following knowledge will be considered:

- solution electrospinning
- digital light processing
- micro-lithography (e.g. imprint, UV)
- microfluidics
- Vascularization

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 as soon as possible and for a total length of up to 30 months. The contract will be funded by the OTRI project 2021/2008 Multifunction Advanced Biofabrication in 3D for the generation of Therapeutic Cardiac Tissue on a human scale designed by computer (CARDIOPRINT).

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

- A complete CV, motivation letter, certificates and 2 reference contacts, all grouped in a single PDF file.

The **deadline** for applications is **02/03/2022**.

*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.*