

Company Description

CIC nanoGUNE is a Research Center devoted to conducting world-class nanoscience research for a competitive growth of the Basque Country. CIC 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.

Information

 **Deadline:** 2022-07-17
 **Category:** Business
 **Province:** Gipuzkoa

 **Country:** Basque Country
 **City:** Donostia/San Sebastián

Company

CIC nanoGUNE



Main functions, requisites & benefits

Main functions

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.

Requisites

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). 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

Benefits

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).

