

Company Description

The Center for Cooperative Research in Biomaterials- CIC biomaGUNE, located in San Sebastián (Spain), was officially opened in December 2006. CIC biomaGUNE is a non-profit research organization created to promote scientific research and technological innovation at the highest levels in the Basque Country following the BioBasque policy, in order to create a new business sector based on biosciences. Established by the Government of the Basque Country, CIC biomaGUNE constitutes one of the Centers of the CIC network, the largest Basque Country research network on specific strategic areas, having the mission to contribute to the economical and social development of the country through the generation of knowledge and speeding up the process that leads to technological innovation.

Information

 **Deadline:** 2020-07-15
 **Category:** Academia
 **Province:** Gipuzkoa

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

Company

CIC biomaGUNE

CIC biomaGUNE
CENTER FOR COOPERATIVE RESEARCH IN BIOMATERIALS

Main functions, requisites & benefits

Main functions

Applications are invited for the following PhD studentships to work on an ERC Advanced Grant. The research, which will be carried out at CIC biomaGUNE, in San Sebastián (Spain), revolves around the design of 3D plasmonic hybrid nanostructures for applications as cell culture scaffolds and in situ sensing. The project, supported by the European Research Council, is aimed at the application of surface enhanced Raman scattering for the real-time monitoring of tumor growth within purposely devised scaffolds. Within this project, a PhD position is available, to carry out research on the following topic: 3D printing of hybrid smart materials Applicants are invited to work at the Bionanoplasmonics Laboratory, CIC biomaGUNE, under the supervision of Prof. Luis M. Liz-Marzán.

Requisites

A Masters Degree in a relevant area of Chemistry, Physics, Materials Science or related areas is required and experience in the fields of Nanomaterials and/or Polymer Processing is highly desirable.

