

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:** 2019-12-15
 **Category:** Business
 **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

The two-year project involves viability tests to check viability of new smart scaffold-matrix supports for heart tissue engineering after cardiac infarct, in vitro and in vivo studies of healthy and genetically modified cardiomyocytes, interaction between cells and scaffolds and demonstration of heart healing promotion of such devices through cell recovery and change of their electrical properties.

Requisites

Required qualifications and experience: Category C of experimentation with animals The applicant should have a PhD degree in biochemistry, biotechnology or a related discipline. This project requires solid background knowledge in cell biology, biochemistry, work with live animals, heart physiology, microscopical characterization, work with isolated cardiomyocytes and in vivo cardiac imaging. Fluency (written and oral communication) in English are required.

