

Postdoctoral position available on tumor growth and SERS detection

CIC biomaGUNE, San Sebastian, Spain

Job Summary

Job Full Description:

A postdoctoral position is available in the framework of the **ERC-Advanced grant 4DbioSERS, GA nº 787510**. 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, the proposed post-doc research will focus on cell line engineering for 3D tumor model design.

Required Education Level:

A PhD in a relevant area of Biology, Medicine, Biomaterials Science, or a related area, is required and experience in the fields of 3D cell culture, organ-on-chip, cell transfection, nanoplasmonics and/or drug delivery is highly desirable.

Required Skills/Qualifications:

The candidates are expected to have interest in multidisciplinary work, motivation to learn from a diversity of scientific areas and the capacity to work in an international environment. Good interpersonal skills as well as written and oral communication skills in English are required.

The project will be carried out at the Bionanoplasmonics laboratory of **CIC biomaGUNE** under the supervision of **Prof. Luis M. Liz-Marzán**.

About the Center:

CIC biomaGUNE (San Sebastian) is a leading research center in the area of bionanomaterials, molecular imaging and regenerative medicine, and maintains a vibrant weekly scientific seminar program by visiting leading scientists. Additional training in soft skills and technologies covered by the CIC biomaGUNE technical platforms is offered to researchers within the in-house training program. In 2018 CIC biomaGUNE was recognized as Maria Maeztu Unit of Excellence.

Project Funding: ERC-Advanced grant 4DbioSERS, GA nº 787510

Type of Contract and duration: Temporary full time contract with an initial duration of 1 year renewable up to 24 months.

Envisaged Job Starting Date: October 2021

Application Deadline: September 30th 2021

How To Apply: Please submit your application with a motivation letter stating why you are interested in this position, your CV, the contact details of two academics who can provide a reference using [this form](#) indicating as Job Offer Code 3211

Informal enquires should be addressed to Prof. Luis M. Liz-Marzán at lizmarzan@cicbiomagune.es

Applications sent directly to the email listed above will NOT be accepted

Equal opportunities Policy: CIC biomaGUNE is proud to be an equal opportunity employer and applicants will receive consideration for employment without regard to: age, color, disability, gender, national origin, race, religion, sexual orientation, gender identity, or any other classification protected by European, national, or local law.