



Postdoctoral position available in a project on environmental SERS Monitoring

Job Summary

Job Full Description:

Applications are invited for a Postdoctoral Researcher position to work on an applied project with industrial relevance. The research will be carried out at **CIC biomaGUNE**, in San Sebastián (Spain), under the supervision of Prof. Luis M. Liz-Marzán. The project aims at the design of plasmonic nanostructures and devices for applications in environmental monitoring.

The project, supported jointly by CIC biomaGUNE and a local company, is aimed at the application of surface enhanced Raman scattering for the real-time monitoring of environmental water. Within this project, the proposed post-doc research will focus on the detection of environmentally-relevant analytes, as well as integration of an automated device for long term monitoring.

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.

Required Education Level: A PhD in Chemistry, Physics, Materials Science, Engineering, or a related area, is required and experience in the fields of plasmonics, spectroscopy, analytical chemistry and complex data analysis, is highly desirable.

Required Skills/Qualifications: The candidate is expected to be highly motivated, have the capacity to work in a fast-paced international environment, show high interest in multidisciplinary work, motivation to learn from a diversity of scientific and technological areas and be able to coordinate with industrial partners. Previous background on nanofabrication, nanobiotechnology, and SERS is required. 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 Liz-Marzán.

Project Funding: Contract co-funded under the Maria de Maeztu Units of Excellence Program - Grant No. MDM-2017-0720 and a local company.

Type of Contract and duration: Temporary full time contract with a duration of 1 year.

Envisaged Job Starting Date: October 2021

Application Deadline: August 15th 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 321_AQUASERS.

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

Applications sent directly to the emails listed above will be 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.