

PHD POSITION AVAILABLE IN A PROJECT ON BIONANOMATERIALS

Applications are invited for a PhD studentship to work on a project at **CIC biomaGUNE** located in San Sebastian (Spain).

The main objective of the proposed research is to design and develop nanomaterials conjugated to aptamers with therapeutic and sensing properties.

Applications are invited to work at the Bionanoplasmonics Laboratory of CIC biomaGUNE, under the supervision of Dr. Isabel García and Prof. Luis Liz-Marzán.

Specific objectives of this work are:

- (i) Development and physicochemical characterization of Aptamer-Nanoparticle conjugates.
- (ii) Evaluation of biorecognition performance.
- (iii) Study of interactions at cellular (in vitro) levels.

Required Education Level: Master's degree in a relevant area of Chemistry, Biochemistry, Biotechnology, Biomaterials Science or related areas is required and

Skills/Qualifications: Experience in the fields of colloidal synthesis, cell culture and analytical characterization is highly desirable.

Project Funding: A PhD position is available, funded through an ERC Advanced Grant 4DbioSERS, Four-Dimensional Monitoring of Tumour Growth by Surface Enhanced Raman Scattering GA787510) and the Retos Grant of the Spanish State Research Agency (AEI): ChirPlasThera, Design of Chiral Plasmonic Nanostructures for Theranostics PID2020-117779RB-I00

Type of Contract and duration: The successful candidate will be hired by CIC biomaGUNE with a full-time contract of 12 months, annually extended up to a maximum of 3 years.

Envisaged Job Starting Date: November 2021.

Application Deadline: October 4th, 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_30794

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.