



Title Postdoctoral Researcher

Job Summary

Applications are invited for a position as Postdoctoral Researcher in the Carbon Bionanotechnology group at CIC biomaGUNE.

Job Full Description:

The candidate will work on the synthesis and characterization of luminescent carbon nanodots doped with gadolinium, for applications in MRI imaging. Establishing new methods for the purification of these nanomaterials will be a key task during the appointment.

Required Education Level:

- A PhD in applied chemistry or material/polymeric chemistry or equivalent.

Required Skills/Qualifications:

- Good theoretical background and previous practical experience in microwave assisted synthesis of carbon nanomaterials, knowledge of different purification methods (in particular, gel electrophoresis), material characterization technics, spectroscopy and optical microscopy.
- Knowledge and practical experience in toxicity and detection of nanomaterials in cell cultures.
- Proficiency in English, spoken and written.

Type of Contract and duration: a full-time temporary contract with a duration of 9 months.

Project Funding: ERC-2019-ADG Advanced Grant e-DOTS Engineering Carbon Nanodots for (Nano) Technological and Biomedical Applications

Envisaged Job Starting Date: 15-03-2021

Application Deadline: 8-03-2021

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 3032 PostDoc

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.