Date of publication of the job offer
03/05/2018

Job title
Synthesis of plasmonic nanocapsules

Job description

The Integrative Biomedical Materials And Nanomedicine Lab is seeking for a Post-doctoral researcher to work on the development of plasmonic nanomaterials for biomedical applications This position is complemented by state-of-the-art research facilities at UPF. Candidates should have background training and experience in synthesis, characterization, and biomedical applications of plasmonic nanomaterials. The successful candidate will contribute to several ongoing projects aimed at developing new nanotools for biomedical applications in drug encapsulation and release, ions sensing, and thermal therapy. The position will provide opportunities to gain experience in mentoring students performing laboratory research, managing research teams, disseminating research results, and writing proposals to secure research funding.

Project and Institution that finance the contract:
Department of Experimental and Health Sciencesit, Unidad de excelencia María de Maeztu, Pompeu Fabra University.
Official number reference:
MINECO MDM-2014-0370

Information on the minimum requirements

- *PhD degree in science, with expertise in synthesis and characterization of plasmonic nanostructured materials.*
- *Experience in biomaterials for drug encapsulation and thermal therapies.*
- *Ability to work successfully as part of a team*
- *Track record of first-authored publications in high impact journals*
- *Highly motivated and enthusiastic*
- *Fluent in English*
- *Interested candidates should send their CV with names of 2 referees by 30.06.2018 to nanomed@upf.edu. Description of the appropriate skills, expertise, experience and qualifications needed.*

Benefits of the opening
The candidate will receive a 1 year contract with possibility for extension. Envisaged start date: August 1st 2018

Information on the application process
Interested candidates should send their CV with names of 2 referees.
Deadline to submit applications
June 30th 2018
Contact nanomed@upf.edu