**Experienced Researcher/PostDoc**

We have an exciting opportunity for a Postdoctoral Researcher to join a newly established Biosensor development research team at the Advanced Polymer Materials Group, University Politehnica of Bucharest.

Funded by the EU POC-A1-A1.1.4-E- 2015 award for innovative research technology development, the project aims to develop a novel graphene based biosensor for determining the functional potency of clinical grade adult stem cells. Established hypotheses will be tested with generation of high-quality, reproducible data suitable for publication, presentation at international meetings and grant applications.

Applicants should be self-motivating with previous experience in bioelectrochemistry and electrochemical biosensors research, ideally including familiarity with biosensors for nucleic acids. Fluency in electrochemical techniques such as cyclic voltammetry, electrochemical impedance spectroscopy, and common potentiostatic and galvanostatic methods is a must. Successful candidates must have a good record of original experimental work and publication in electrochemical biosensors. A background involving fluorescence spectroscopy and FRET-based techniques would be advantageous. Staff hiring will be in accordance with regulations for equal opportunities OUG 137/2000.

CAREER STAGE

Experienced researcher (Post-Doc): 1 position

APPLICATION

The application must include, mandatorily, the following documents:

* Curriculum Vitae
* Letter of intent
* A minimum of two letters of recommendation
* Copies of study documents (high school diploma, bachelor’s degree/master/PhD diploma, as well as other relevant diplomas or scientific academic titles); selected candidates will be asked to submit authenticated copies of these documents.
* Level B1, B2, English certificate (writing, reading, listening).

For more details or application submission contact Prof. Luisa Pilan, email address [luisa\_pilan@yahoo.com](mailto:luisa_pilan@yahoo.com)