



Postdoctoral Scientist

is required to work at the Nanobioelectronics & Biosensors Group at Catalan Institute of Nanotechnology (www.nanocat.org) in Bellaterra (Barcelona), Spain

Start Date: July 1st, 2010 (Later starting date is negotiable)

Duration: 2 years (with a possibility of prolongation based on sustained funding and obtained results)

Description: The candidate should be a highly motivated and experienced scientist in the field of nanobioelectronics. Previous experience of the candidate in one of the following research lines would be highly appreciated:

- Biosensors for protein, DNA or cells
- Microfluidic based diagnostic devices
- Electrocatalytic nanomotors for biosensing/biomedical applications

The objective will be to design novel devices and systems with improved performance and shown progress beyond the state of the art technologies. Strong background in electrochemistry, biochemistry and nanotechnology between other fields is desired. The successful candidate will fit well into a collaborative environment and needs to exhibit strong leadership and excellent communication skills.

Please submit: Complete CV; a summary of research experience and interest; a 3 page research proposal; three references (names, address and e-mails).

Person to contact: Prof. Arben Merkoçi

Email address: arben.merkoci.icn@uab.es

Deadline for application: May 1st, 2010. The selected candidates may be requested to come in Barcelona for an interview / presentation of their latest research expertise.