

IBEC (Institute for Bioengineering of Catalonia) is an interdisciplinary research center focused on Bioengineering and Nanomedicine based in Barcelona. IBEC's **mission** is to develop international high quality interdisciplinary research that, while creating knowledge, contributes to making a better quality of life, improving health and creating wealth. A close link with key universities, reference hospitals and corporations, are assets that facilitate achieving the mission.

IBEC was founded in 2005 by the Generalitat de Catalunya, the University of Barcelona (UB) and the Polytechnic University of Catalonia (UPC).

IBEC is located within the **Barcelona Science Park**, with premises of 2.500 square meters, 20 research groups and a team of researchers and support services of 250 people from 20 different countries. www.ibecbarcelona.eu



Postdoc Position in Nanoscale bioelectrical characterization (Ref. PD-GG)

The **Nanoscale Bioelectrical Characterization** group at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for a **Post-doctoral candidate for nanobiosensor development**.

Tasks and responsibilities:

- Implementation of an experimental electrochemical biosensor platform and its validation.

Requirements for candidates:

- PhD Degree in Organic Chemistry or similar.
- Demonstrated experience in Electrochemistry in Biological systems.
- Self-critical, capacity to learn and bring knowledge.
- High level of English (Spanish and/or Catalan will be a value).
- High motivation and ability to be involved in an international multidisciplinary team.
- Excellent team working and communication skills.

We Offer:

- Full time employment contract.
- Half year contract (with possible extension to one year).
- Stimulating, interdisciplinary research and high quality international scientific environment.

Selected references:

- M. C. Biagi et al., **ACS Nano** 10, 280 (2015)
- D. Esteban-Ferrer et al., **ACS Nano** 8, 9843 (2014)
- A. Cuervo et al., **PNAS** E3624 (2014)
- L. Fumagalli et al. **Nature Materials** 8, 11 (2012).



IBEC is committed to the principles of the Code of Conduct for the Recruitment of Researchers of the European Commission. Thus, there are no restrictions of citizenship or gender and candidates with disabilities are strongly encouraged to apply.

Interested applicants should send their CV, cover letter and references to: jobs@ibecbarcelona.eu, before **30/11/2016 (Reference: PD-GG)**.