

IBEC (Institute for Bioengineering of Catalonia) is an interdisciplinary research center focused on Bioengineering and Nanomedicine and one of the Severo Ochoa Excellence Centers. 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, 19 research groups and a team of researchers and support services of 250 people from 20 different countries. www.ibecbarcelona.eu



Postdoctoral Position in Biosensing and Bioengineering (Ref. PD-JR)

The **Biosensing for Bioengineering** group at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for a **Postdoctoral Researcher** in order to work in the project **Diabetes Approach by Multi-Organ-on-a-Chip (DAMOC)**. This position will be funded by the “**ERC Starting Grant**” from the **European Research Council (ERC)**.

Tasks and responsibilities:

- Development and manipulation of the Lab-on-a-chip and microfluidics devices
- Development and implementation of a biosensing platform to specific and selective detection biomarkers
- Collaborate to the development of novel integrated bioreactors

Requirements for candidates:

- PhD in Photonics, Biosensors or Biomedical engineering
- Previous experience in ELISA assays and functionalization of surfaces with bio recognition molecules
- Experience with detection of biomarkers
- High level of English
- High motivation and ability to be involved in an international multidisciplinary team
- Excellent team working and communication skills

We Offer:

- Full time employment contract
- Three years contract
- Stimulating, interdisciplinary research and high quality international scientific environment



HR EXCELLENCE IN RESEARCH

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.



European Research Council
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Interested applicants should send their CV, cover letter and references to: jobs@ibecbarcelona.eu, before **30/04/2017** (Reference: **PD-JR**).