

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, 20 research groups and a team of researchers and support services of 250 people from 20 different countries. [www.ibecbarcelona.eu](http://www.ibecbarcelona.eu)



## Predocctoral Position in Biosensing and Bioengineering (Ref. PH-JR)

The **Biosensing and Bioengineering** group at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for a **Predocctoral Researcher** in order to participate 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:

- Participate of the Lab-on-a-chip and microfluidics devices
- Participate in a bio sensing platform to specific and selective detection biomarkers
- Collaborate to the development of novel integrated bioreactors

### Requirements for candidates:

- BSc and/or MSc in Photonics, Biosensors or Biomedical engineering (Candidates should be ready to enter an official doctoral programme in January/February 2017 (under Spanish Law). By this time, they must have obtained a university degree and a master's degree; or must hold an official university qualification from a country of the European Higher Education Area with a minimum of 300 ECTS of official university studies, of which at least 60 are at master's level)
- Experience with detection of biomarkers will be an asset
- High level of English
- Ability to work effectively in a 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



European Research Council  
Established by the European Commission

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](mailto:jobs@ibecbarcelona.eu), before **31/12/2016** (Reference: PH-JR).