

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, 16 research groups and a team of researchers and support services of 250 people from 20 different countries. www.ibecbarcelona.eu



PhD Position in Biomaterials for Regenerative Therapies (Ref. FPU-EE)

The [Biomaterials for Regenerative medicine](#) group at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for **Pre-doctorate candidate** to apply for the **2015 call** of the *Formación de Profesorado Universitario Fellowships (FPU 2015)* from the *Ministerio de Educación, Cultura y Deporte (MECD)*.

Tasks and responsibilities:

- Design and fabrication of new systems for deliver.
- Characterization tests: HPLC, confocal, SEM, Z potential.
- Biological characterization.

Requirements for candidates:

- BSc and/or MSc Degree in science (Physics, Chemistry, Biology, Nanotechnology).
- Previous experience on Biomaterials, Biology and regenerative medicine will be an asset.
- Abilities and skills required: High motivation and ability to be involved in an international multidisciplinary team.
- Excellent team working and communication skills.
- Self-critical, capacity to learn and bring knowledge.

Selected references:

- Sachot Net al. Nanoscale. 2015.
- Castaño O, et al. ACS Appl Mater Interfaces. 2014.
- Aguirre A, et al. Eur Cell Mater. 2012.