

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



Postdoc Position in Biomimetic systems for cell engineering (Ref. JDC-EM)

The **Biomimetic systems for cell engineering** group at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for **postdoctoral candidates** to apply for the **2015 calls** of the Spanish Ministry of Economy and Competitiveness **Juan de la Cierva**.

Tasks and responsibilities:

- Investigation on novel micro and nano(bio)technological approaches to improve tissue in vitro models.
- Fabrication and characterization of novel hydrogel materials.
- Study of the influence of biochemical and topographical cues on the cell and tissue behavior.

Requirements for candidates:

- PhD Degree in biomedical engineering, biomaterials, biochemistry or biotechnology.
- 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.

Selected references:

- Comelles, J et al., Biophysical Journal 1077, 1513-152 (2014)
- Lagunas, A et al., Frontiers in Bioengineering and Biotechnology 3, Article 132 (2015)