

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.ibeccbarcelona.eu



Postdoctoral Position in Cell Mechanobiology (Ref. PD-XT)

The **Integrative Cell and Tissue Dynamics** group, led by Prof. Xavier Trepats at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for **Postdoctoral** candidate to work in Mechanobiology of Tumour-Stromal Interactions

Main tasks and responsibilities:

- To study dynamic interactions between tumor cells and stromal cells
- To study cell-cell and cell-matrix forces during invasion, intravasation and extravasation.
- To study mechanical properties of the tumor stroma

Requirements for candidates:

- PhD in biology/biochemistry/physics/engineering
- Previous experience in experimental studies in cell biophysics/mechanobiology
- Competencies : communication skills, project planning and delivery, career management, analytical and critical thinking, ethics and integrity, leadership, information seeking and management.

We Offer:

- 2 year contract (possibility of extension for one year more)
- Stimulating, interdisciplinary research and high quality international scientific environment.
- Salary will be determined upon experience and scientific background.



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.

Interested applicants should send their CV and cover letter to: jobs@ibeccbarcelona.eu, before 15/03/2017 (**Reference: PD-XT**).