

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](http://www.ibecbarcelona.eu)



## Marie Curie Postdoc Position in New Strategies to Combat Bacterial Infections (Ref. MC-ET)

The **Bacterial Infections and antimicrobial therapy** group at the **Institute for Bioengineering of Catalonia (IBEC)** is looking for **Postdoctoral candidates** to apply for the **2016 calls** of the **European Commission Marie Curie Individual fellowship**.

### Tasks and responsibilities:

- Development of multidisciplinary research on mechanisms to combat bacterial infections from different perspective (molecular microbiology, antibacterial molecular screening, bacterial biofilms, nanoparticles, bacterial transcription and gene regulation, bacterial infections, etc. )

### Requirements for candidates:

- PhD Degree in life sciences (Biology, pharmacy, biotechnology, biochemistry, or related areas).
- Molecular biology and microbiology skills will be plus.
- Ability to organize and prioritize own work and research project within the project schedule.
- 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.
- **Transnational Mobility Requirement: researchers must not have resided or carried out their main activity (work, studies, etc.) in Spain for more than 12 months in the 3 years immediately prior to the call deadline (14/09/2016).**

### Selected references ([orcid.org/0000-0002-3010-1609](https://orcid.org/0000-0002-3010-1609)):

- Crespo, A. *et al.* (2016). *Frontiers in Microbiology*. 7:688.
- Noguera-Otega, E. (2016). *Scientific reports*. In press.
- Baelo, A. *et al.* (2015). *Journal Controlled Release*. 209:150-159.
- Julián, E. *et al.* (2015). *Plos One* 19(3):e0122049.
- Crespo, A. *et al.* (2015). *Plos One* 19(4):e0123571.
- Dreux, N. *et al.* (2015). *Infection and Immunity* 83:1305-1317
- Torrents, E. (2014). *Frontiers in Cellular and Infection Microbiology* 4:52.



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.