

Group Leader in Synthetic Biology

Universitat Pompeu Fabra

Barcelona, Spain



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Pompeu Fabra
Barcelona



EXCELENCIA
MARÍA
DE MAEZTU



HR EXCELLENCE IN RESEARCH



Obra Social "la Caixa"

The Department of Experimental and Health Sciences (DCEXS) (<https://www.upf.edu/cexs/>) at the Pompeu Fabra University in Barcelona is looking for a group leader in Synthetic Biology.

DCEXS is a research-intensive department focused in Biomedical Research, with strengths in cellular and molecular biology, immunology, physiology, developmental biology, genetics, bioinformatics, systems biology, and other fields of biomedical research (<http://www.upf.edu/cexs/research/>). Its main goal is to conceive and implement new strategies to improve our health and well-being, using new biomedical technologies that allow gathering massive amounts of data, and advances in computational and molecular biology that are leading to breakthroughs in our understanding of how living systems work and how we can act upon them. To fulfill this vision, it is crucial to combine biomedicine with other sciences such as physics, computational sciences, and bioengineering.

Currently DCEXS is strengthening its research interests in the area of Systems Bioengineering. We are looking for a junior scientist with primary research interests in this area, and in particular in Synthetic Biology, and invite applications for a Tenure-Track position. The appointed applicant will lead a new research laboratory and will be involved in the undergraduate and postgraduate teaching duties of the Department, in particular in our Biomedical Engineering Degree.

Candidates should hold a PhD degree and have a strong scientific-technical background in synthetic biology, including (but not restricted to) topics such as metabolic engineering, design of protein-based synthetic circuits, and genome refactoring and editing oriented towards engineering organisms for biomedical applications. S/he should have interest in confronting and resolving scientific problems/challenges, and several research publications as a first author in major journals. S/he should be fluent in English and have an interactive personality.

A motivation letter, curriculum vitae, list of publications, research plan and addresses of three putative referees should be sent **as a single pdf** to avaluacio.cexs@upf.edu before February 24th 2017.

