



**Universitat
Pompeu Fabra**
Barcelona

Departament
de Ciències Experimentals
i de la Salut



**EXCELENCIA
MARÍA
DE MAEZTU**



**AGENCIA
ESTATAL DE
INVESTIGACIÓN**

CEX2018-000792-M

Date of publication of the job offer: 2nd January, 2020

Job title

Research Assistant INNOValora- Translational Synthetic Biology

Job description

The Department of Experimental and Health Sciences - Faculty of Health and Life Sciences (DCEXS - FCSV; <https://www.upf.edu/cexs/>) at Pompeu Fabra University (Barcelona) is specialized in Biomedical Research (Cell and Molecular Biology, Molecular Medicine, Evolutionary Biology and Complex Systems, Biomedical Informatics, Genetics and Neurosciences, Biomedical Engineering, and Public Health and Education in Health Sciences), Teaching Degrees (Human Biology, Medicine and Biomedical Engineering) and Teaching Master's degrees (Biomedical Research, Bioinformatics for Health Sciences, Pharmaceutical and Biotechnology Industry, Clinical Analysis Laboratory, and Public Health).

We are seeking for motivated scientist to work on engineering genome editing tools applied to developing more efficient and safer gene therapy technology in the Translational Synthetic Biology led by Dr. Marc Güell. The candidate will participate in an international and highly translational project with Interactions with industry and clinicians.

Project and Institution that finance the contract

DCEXS Unidad de excelencia María de Maeztu, Pompeu Fabra University, funded by the Ministerio de Ciencia, Innovación y Universidades.

Official number reference

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Information on the requirements

- Bachelor in engineering, experimental or health sciences. Ms and PhD will be positively valued.
- Relevant experience in molecular biology, including cloning, DNA and RNA isolation, sanger sequencing, Next Generation Sequencing library preparation, eukaryote cells culturing and transfection.
- Experience with immunostaining, flow cytometry, western blot analysis, and RT-qPCR will be a plus.
- Experience in gene or cell therapy, advanced genome editing methods or viral vectors for gene therapy, nanoparticles for in vivo delivery will be a plus.
- Internal drive to achieve technical excellence and able to work independently.
- Good problem solving skills.



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Benefits of the opening

The candidate will receive a full-time contract and an annual salary according to the UPF salary guidelines. She/he will be able to receive training in complementary through courses of Pompeu Fabra University and the PRBB Intervals Programme.

Information on the application process

Please send the following documents:

- CV
- Cover letter

to the email address marc.guell@upf.edu with "Research Assistant INNOValora" in the email title.

Confidentiality in document handling and equality of opportunities policy are guaranteed by Pompeu Fabra University.

Deadline to submit applications:

26/01/2020