



Universitat
Pompeu Fabra
Barcelona

Departament
de Ciències Experimentals
i de la Salut



Date of publication of the job offer: 10 February 2021

Job title: Postdoctoral Researcher

Job description The worker main role will be to carry out research associated with the project which is focused on the use of mouse Embryonic Stem Cells (ESCs) to make gastruloids and their application to answer questions of the mechanisms of early mammalian development. In addition to performing the experiments required by the project, they will keep good records of their work and lead in the write the writing of the results of the research for publication, give and attend seminars, contribute to the running and maintenance of the lab and also participate in the supervision of students. They should have experience in tissue culture with specific experience with ESCs, quantitative cell biology, advanced microscopy and ability to do programming.

Project and Institution that finance the contract

The work is supported with H2020 European Commission Funds, by grant H2020-ERC-AdG-834580-MiniEmbryoBlueprint.

Official number reference

H2020-ERC-AdG-834580-MiniEmbryoBlueprint.

Information on the minimum requirements

In possession of a PhD degree.
International lab experience i.e having spent a period of time doing science outside their own country.
English language.
Ability to do programming e.g Python, R.
Extensive experience with culture of Embryonic Stem Cells.
Experience with advanced microscopy (confocal minimum).
Basic molecular biology.
Knowledge of single cell mRNA analysis.
Knowledge of quantitative cell biology.

Benefits of the opening

2 Postdoctoral Researcher positions.
Full-time contract. Envisaged Job Starting Date: 1 April 2021.

Information on the application process



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Deadline to submit applications

Deadline to submit applications: 28 February 2021.

Contact:

For informal enquiries: stembryolab@upf.edu

Applications with the names and contact of 2 referees should be submitted to: stembryolab@upf.edu