Universitat Pompeu Fabra Barcelona

Departament de Ciències Experimentals i de la Salut

Date of publication of the job offer 8 November 2021

Job title **One** PhD studentship

Job description

Carry out a project focused on Wnt signalling in early mammalian development. The project will involved the use of mouse gastruloids to test the hypothesis that Wnt signalling works as a 'noise filter' during mammalian development. The successful applicant should have theoretical and practical experience in basic biology and will perform biochemical experiments combined with advanced microscopy.

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 an undergraduate degree, masters or equivalent in any area of the biological sciences.
International lab experience i.e having spent a period of time doing science outside their own country will be valued
English language
Some or all of the following will be an advanteh

- Experience with tissue culture
- Experience with advanced microscopy (confocal minimum)
- Basic molecular biology
- Knowledge of single cell mRNA analysis
- Knowledge of quantitative cell biology

Benefits of the opening

The successful candidates will be offered a predoc position with an appropriate Research contract.

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Information on the application process

Applicants should submit an updated CV with names and email address of three referees to stembryolab@upf.edu

Deadline to submit applications

10 December 2021

Contact

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