



## Pre-Doc position in cell biology and translational cancer research

[www.cicbiogune.es/people/mdmvivanco](http://www.cicbiogune.es/people/mdmvivanco)

Applications are sought for a PhD Student wishing to pursue a career working on tumour biology to join the Cancer Heterogeneity Lab (led by Dr. Maria dM Vivanco) at CIC bioGUNE, Bilbao, Spain.

We are offering a PhD student position to work on an international ground-breaking project that brings together chemists, biologists, and medical doctors from Ireland, France, Portugal and Spain to fight breast cancer.

The BOTS project "Blue Organoids for Treatment Selection" aims to select treatments for patients based on the drug response of tumours grown as organoids. This programme was selected by the European Commission for the Atlantic Area Interreg programme.

We are seeking highly motivated pre-doctoral candidates to analyse the fundamental properties linked to cellular identity and cross-talk with the microenvironment that confer resistance to therapy in breast cancer. The successful applicant will take advantage of scientific interactions within the European consortium and use a multidisciplinary approach involving omics analysis, 3D cell models, co-culture systems and human samples with the final aim of improving therapies for personalised medicine while reducing the risk of developing resistance to therapies in breast cancer.

### Eligibility criteria

- MSc or equivalent in a relevant field (ie. cancer biology, molecular biology, biochemistry).
- Knowledge of cell culture and molecular biology is required.
- Experience with 3D cell culture systems is desirable.
- Mastery of scientific English.
- Motivation, critical thinking and enthusiasm.

### Recruitment process

Interested candidates, please send a CV and a covering letter including contact information of two reference scientists to [form](#) and indicating **42101** as reference.

### Reception of applications, before 31 st January 2024