

## PREDOCTORAL RESEARCH POSITION IN NANO-ONCOLOGY

Ref: ctto005/2017

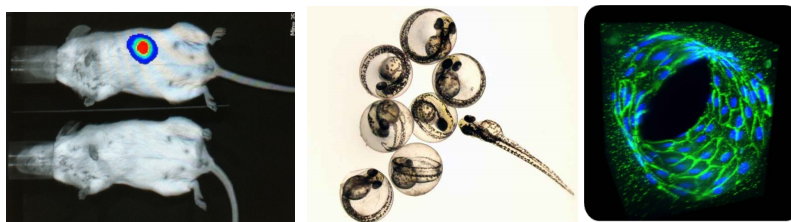
The **ROCHE-CHUS JOINT UNIT for Precision Oncology** (ROCHE-University Hospital of Santiago de Compostela), offers a predoctoral research position in NANO-ONCOLOGY. The candidate will join a research line focused in the synthesis and formulation of innovative nanosystems with applicability in liquid biopsy and translational oncology.

We make use of nanotechnology to develop new bioactive and biocompatible nanoparticles, functionalized with specific ligands that recognize the targets of interest, to be used for detection, manipulation, and determination of molecules and cells present in peripheral blood of patients with metastatic cancer. The final aim is to generate new technologies and products with clinical purposes, with application in diagnosis, monitoring, and evaluation of the progression in metastatic breast and prostate cancer.

The **ROCHE-CHUS Joint Unit** is a new laboratory created between the company Roche and the Translational Medical Oncology Group [www.oncomet.es](http://www.oncomet.es), with the objective of providing innovative solutions to reach a precision oncology for breast and prostate cancer based on the molecular and functional characterization of key steps for tumour dissemination and progression.

### What we offer

1. The incorporation in the ROCHE-CHUS Joint Unit, within the Health Research Institute of Santiago (IDIS; [www.idisantiago.es](http://www.idisantiago.es)), officially recognized in 2010 by the National Health Institute (Instituto de Salud Carlos III) as one of the Health Research Institutes created to cultivate excellence in biomedical research.
2. A translational research project: The Area of Oncology is configured with the aim that the clinical criteria define the basis of the research projects to rapidly revert to the patient.
3. Integration in a multidisciplinary research team: including inputs from different research fields and covering the areas of molecular and cellular biology, liquid biopsy, preclinical models and nano-medicine.
4. Attractive scientific environment: The University Hospital is integrated in the International Campus of Excellence "Campus Vida". We provide support to all researchers with fully equipped culture rooms, cold chambers, imaging equipment, DNA sequencing, Real-Time PCR amplification, particles analyzers, centralized spectroscopic services, MS-HPLC, Circulating Tumour Cell analysis, animal facilities, etc.



## What we expect

1. The candidate must hold a degree in an appropriate discipline (pharmacy, biology, biochemistry, or related fields).
2. Previous experience in molecular and cellular biology, cell culture, biomaterials, microscopy, chemistry and nanoformulation will be valued.
3. Excellent academic track
4. Good oral and written communication skills in English to participate in national and international seminars and conferences; and to divulgate the research advances by publishing scientific papers
5. Capacity to work in an interdisciplinary environment.
6. Previous research publications and assistances to seminars and conferences will be valued.

## How to apply

To apply, please, email to our personnel management department: [rrhh.frd@sergas.es](mailto:rrhh.frd@sergas.es) including ref. Ctto 005/2017 and the Applicant's full name in the subject of the message together with the following attached documents:

- CV (no specific format is required)
- Copy of the applicant's Identity Card.
- Copy of the applicant's degree.
- [Application form](#).

***No application will be eligible if all the above mentioned documents are not attached.***

## Deadline

26/1/2017