



University of Santiago de Compostela

Job Title:	Predoctoral position
Supervisor:	Prof. María José Alonso
Research Group:	Nanotechnologies applied to the design of drug delivery systems
Department:	Department of Pharmaceutical Technology

Background Information

The University of Santiago de Compostela is one of the most respected high education institutions in Spain. The project "CAMPUS VIDA" with a focus on health sciences and technologies, has been recently recognized among the nine Campus of International Excellence of Spain. The University is committed to maintaining high standards both in teaching and research.

The group "Nanotechnologies applied to the design of drug delivery systems (NANOBIOFAR)" is internationally known for its contribution to the field of nanomedicine. The group is currently running several projects in cancer therapy, synthetic vectors for gene therapy, vaccine delivery, tissue engineering, and transmucosal delivery of macromolecules. The financial support is obtained from sources such as the "Bill and Melinda Gates Foundation", European Commission, Spanish Ministry of Sciences and Innovation and several pharma and biotech companies. The group is actively participating in several networks of excellence in research both at national, European and international levels.

Purpose

To participate in the European FP7 **EuroNanoMed** project entitled "**Lymphonanocarriers for the treatment of metastatic cancer**"

This project will be performed in a collaborative network including the Hospital of Santiago de Compostela, the University of Angers and the Instituto Oncologico Benetto. The project is aimed at designing a new generation of nanocarriers specifically targeted to the lymphatic system as a strategy for the treatment of metastatic cancer.

Duties and Responsibilities

1. To design, plan and carry out the experiments necessary for the project.
2. To write up reports, research papers and present research findings at national and international meetings.
3. To work in a collaborative environment.
4. To keep up to date with current developments in subject field.
5. To be responsible for day-to-day purchase of materials, and other routine activities necessary to run the project.

Person Specification:

- Bachelor/Master degree in an appropriate discipline (chemistry, pharmacy, biology, chemical/ biomedical engineering...).
- Interest for research.
- Good writing and presentation skills.
- Good organisational skills and the ability to deliver to specific deadlines.
- Ability to work independently and as part of a team.
- Ability to keep accurate and detail records of experiments.
- Flexible approach required within the working environment.

Confidentiality

The post holder will be required to adhere to the specific policy of the project concerning the management and exploitation of intellectual property.

Funding and Duration

The position is funded for three years. The contract is subject to a probationary period of 3 months.

Application

Applications should be in the form of curriculum vitae accompanied by a cover letter describing the qualification of the candidate for the position. Applications should be mailed to:

Mrs. Purificación Domínguez
Departamento de Farmacia y Tecnología Farmacéutica
Facultad de Farmacia, Campus Sur s/n
15782 Santiago de Compostela
Spain
e-mail: purificacion.dominguez@usc.es