

International Postdoctoral Programme

Campus Vida Research Centers Network

The Campus Vida Research Centers Network of the University of Santiago de Compostela is seeking 3 postdoctoral researchers for a period of two years.

Campus Vida is a strategic initiative of the University of Santiago de Compostela that supports the excellence in academic, scientific, technological and socioeconomic research activity in Life Sciences and Technologies. It was labelled in 2009 as one of the eight Spanish International Campuses of Excellence by the Spanish Ministry for Education. It promotes a research organization model which pursues the development of the best multidisciplinary frontier research, as well as the permanent collaboration with the healthcare sector and with biotech companies, in order to be an economic and social growth vector.

A key element of the Campus Vida is the **Network of Singular Research Centers** in the areas of Medicine ([CiMUS](#)), Chemistry ([CiQUS](#)) and Information Technology ([CiTIUS](#)), with the aim of attaining academic and research excellence. These Centers host about 500 researchers, including 5 ERC Grants and 16 large European collaborative projects, and they are endowed with a self-demanding model of organization and operation, clearly differentiated from the classic university structures. The Centers work in a coordinated manner towards a cooperative and transdisciplinary research in strategic areas, oriented to scientific excellence and transfer of knowledge to society.

Campus Vida's Research Centers are organized according to the following principles:

- Interdisciplinary research in strategic areas with a clear leaning towards the transfer of knowledge and the generation of returns for the society.
- Advice by an External Advisory Board, conformed by world leading scientists.
- Scientific activity guided by a rigorous strategic planning.
- Executive scientific leadership.

CiMUS

[CiMUS](#) hosts 29 PI (including 2 ERC and Human Frontiers grantees), more than 50 postdocs and over 120 PhD students who published around 150 papers/year, with an impact factor close to 1,000. The PIs published on a yearly basis in the most relevant journals in the biomedical field including Nature, Science, Nat Med, Nat Genet, Cell, Cell Metabolism, Gastroenterology etc. Funding is obtained from different sources including a large number of EU-funded projects. Finally one of the strengths of the Center is the close collaboration with pharma and biotech industries.

CiQUS

[CiQUS](#) hosts 31 PIs (including 3 ERC grantees), 30 postdocs and over 100 PhD students, who publish around 80 JCR papers/year, with an average IF of 6,063 (2015). Since 2013 they published 41 papers in top-ranked journals, with IF>10, and obtained 3,5 million Eur/year from competitive R&D funds (30% international). During 2011-2015 CiQUS researchers have also obtained 15 granted patents (2 licensed) and collaborated in 3 new spin-offs.

CITIUS

Currently, the [CITIUS](#) hosts 32 senior researchers, which have been selected by an external scientific advisory board, and a total of 100 researchers. Since its creation in 2011, CITIUS researchers have published more than 200 JCR papers and participated in more than 60 R&D projects, most of them in collaboration with the industry sector. CITIUS researchers have also promoted 3 new spin-offs.

RESEARCH AREA OPENINGS

This International Postdoctoral Programme is partially funded by the *Ministerio de Educación, Cultura y Deporte (Convocatoria de Consolidación de Proyectos de Excelencia en las Universidades, ref. CEI15-30)*. The call offers 3 postdoctoral positions in the following areas:

1. Molecular Medicine and Chronic Diseases, [CiMUS](#): Neuroscience, Oncology, Cardiovascular, Endocrinology and Obesity, Experimental Therapies, Nanomedicine, Genomics and Biostatistics/Bioinformatics. See here the [research lines](#).
2. Biological Chemistry and Molecular Materials, [CiQUS](#): Biological Chemistry and New Materials, including Nanobiomaterials, Synthetic Methodology, Structural Chemistry, Computational Chemistry. See here the [research lines](#).
3. Information Technology, [CITIUS](#): High performance computing and cloud computing, e-Health, Data engineering, Ambient intelligence and multimodal interfaces, Business and web intelligence, Personal robots, Artificial vision. See here the [research lines](#).

CONDITIONS

- The postdoctoral position is for a period of two years.
- The candidate will join the selected research group (see Research Area Openings), under the supervision and mentoring of the corresponding group leader(s), to develop an individual project in a stimulating scientific environment, having access to state-of-the-art research facilities and a number of training and career development opportunities.
- Employment contract with a gross salary of 30.000 € per year. The contract includes medical care coverage and work accident insurance through the Spanish Health Care System (*Seguridad Social*), providing access to the Spanish public health care system for the candidate and his/her family and also pension and unemployment benefits.
- Travel allowance of 1.100 €/year.
- Training programme in transversal skills: intellectual and property rights, technology transfer, entrepreneurship, communication, management, etc.
- The estimated starting date is October-December 2016.

QUALIFICATIONS AND SKILLS

We seek outstanding and highly motivated candidates, with initiative, creativity and team-working ability, including working in interdisciplinary research groups. The position is open to researchers that fulfill the following requisites:

1. Academic background:

Candidates must hold a PhD and at least one year of postdoctoral research experience at the date of closing of the application. Candidates who have performed the PhD thesis at the University of Santiago de Compostela will not be eligible. Preference will be given to candidates who awarded their PhD after January 1st, 2012. Fluent English is essential.

2. Mobility:

Applicants must not have carried out their main activity in Spain for more than 12 months in the 3 years immediately before the date of starting the contract.

EVALUATION AND SELECTION PROCEDURE

Selection criteria will be scientific excellence of the candidate, the interest of the research proposal described in the motivation letter, and the other required information.

Number of positions: 3

APPLICATION

The application must contain information of research background and work experience, including:

- A detailed CV, including personal contact information, education, list of publications and any other relevant information (projects, awards...)
- A motivation letter (max. 2 pages) outlining: (1) research background, work experience and (2) a brief research proposal. Please check the Call for more information.

Candidates must select one of the eligible research lines and they can contact the prospective group leaders for guidance (brief research proposal).

- At least two reference letters.

Applications must be submitted by e-mail to centros.singulares@usc.es indicating in the subject one of the following options: POSTDOC-CIMUS or POSTDOC-CIQUS or POSTDOC-CITIUS.

Closing date for applications: 31.08.16 at 23h59 CET (UCT + 02:00)

Contact information: centros.singulares@usc.es