
Marie Skłodowska-Curie Actions - Martí i Franqués COFUND Fellowship Programme (MFP)



PhD position available in encapsulation of food ingredients: New approaches to produce emulsions and microcapsules for food applications using structured systems (Reference 2017MFP-COFUND-19)

PhD position available in New methodology to produce starters with nutritional applications (Reference 2017MFP-COFUND-24)

Applications are invited for PhD positions in the Food Innovation and Engineering (FoodIE) group at Universitat Rovira i Virgili (Tarragona, Spain). FoodIE group has been studying the application of membrane processes in the food industry for more than 15 years. The group has experience in the use of microscopic techniques (optical and electronic) for the characterization of membranes and membrane processes, the use of membrane contactors for the concentration of food solutions, and more recently, it has employed membrane emulsification to encapsulate aromas and bioactive compounds. Permanent members of the group are Drs. de Lamo, Ferrando and Güell. At the moment there are three ongoing Ph D projects and the group has wide experience hosting national and international PhD students.

Projects:

The scholarship is offered in the framework of the **Martí i Franqués COFUND Fellowship Programme (MFP)** of the Universitat Rovira i Virgili (Tarragona, Spain). The Martí i Franqués COFUND Fellowships Programme (MFP) is a redesign of the existing MF programme, offering 25 doctoral contracts at the Universitat Rovira i Virgili (URV). The programme is uniquely shaped to offer the best training stemming from the "triple i" principles of the **Marie Skłodowska-Curie Actions: international, interdisciplinary and intersectorial**. Candidates must comply with the **mobility rule**: not have resided in Spain more than 1 year in the last 3.

General information about the call can be found at:

<http://www.urv.cat/en/research/support/programmes/marti-franques/cofund/>

http://cordis.europa.eu/project/rcn/204557_en.html

**Deadline for applying is
April 15th, 2017**

The criteria for deciding which projects will be financed is the excellence of the candidates. This means that the research project will not be evaluated, ONLY the candidates' accomplishments and their fit with the selected project. The best 25 candidates that have chosen different projects will be offered a fellowship at URV.

The candidate will work in a research project funded by the "2014 National Plan for Scientific and Technical Research and Innovation" (Project CTQ2014-54520-P) from the Spanish Ministry of Economy and Competitiveness (MINECO) and will address "New approaches to produce emulsions and microcapsules for food applications using structured systems". The selected candidate will be enrolled in the PhD Program in Nanoscience, Materials and Chemical Engineering at the Universitat Rovira i Virgili.

Requirements of the candidates:

- The excellence of the candidates, their accomplishments and their fit with the selected project will be evaluated.
- Not have resided in Spain more than 1 year in the last 3.
- Be in possession of a Diploma and Master Degree in Food Engineering, Food Science and Technology, Chemical Engineering, Microbiology, Biotechnology, Chemistry, Pharmacy with above average results.
- Good laboratory skills
- Excellent knowledge of the English language (spoken and written / proficiency level).

Benefits:

The candidate will be contractually employed by Universitat Rovira i Virgili on a temporary basis for 3 years with a gross salary of about 2200 €/month. For a full list of employment conditions and benefits, please check the URV MFP web page.

It is highly recommended to send a CV and the names of two persons who can provide references by e-mail to montse.ferrando@urv.cat; carne.guell@urv.cat and silvia.delamo@urv.cat