

Job Reference: Food_R1

Main research field: Chemistry

Sub-research field: Foods and Water Analysis

Job summary:

REQUIMTE offers Research Positions to undertake research, which will be focused on chemical and biochemical methods applied to analysis of foods, water, and environmental matrices. It is expected that candidates have expertise on different chromatographic methodologies namely, HPLC-DAD-Fluorescence, GC-MS, and on biological methods, such as PCR and electrophoresis. Candidates should have a PhD in Pharmacy, Biochemistry or related area, at least 2 years' experience at post-doc level and a good publication record.

Job descriptions:

Researcher position

We are seeking highly motivated individuals with proven experience on chemical and biochemical methods applied to analysis of foods, water, and environment and that can contribute to enhance and complement our research interests.

It is expected that candidates have expertise on different chromatographic methodologies namely, HPLC-DAD- Fluorescence, GC-MS, and on biological methods, such as PCR and electrophoresis.

Candidates should have a PhD in Pharmacy, Biochemistry or related area. A significant background and experience is expected and will be evaluated according to publications on the subject in international refereed scientific journals. Only applicants with a solid CV and proven capacity will be considered.

The candidate is expected to design experiments, write laboratory protocols and procedures, work with collaborators, prepare manuscripts and grant applications, and deliver oral presentations. Other responsibilities include the training and day to day supervision of other members of the research group, general management of a shared laboratory and participation in institutional activities. It is also expected a fast and profitable integration in current research projects. Work will be conducted in an excellent environment with state-of-the-art facilities.

Job Reference: Food_R2

Main research field: Chemistry

Sub-research field: Analysis

Job summary:

REQUIMTE offers Research Positions to undertake research, which will be focused on metabolomics and biological potential of natural matrices. It is expected that candidates are able to develop and apply assays for the determination of several classes of compounds and for the assessment of the bioactivity of products of natural origin. Applicants should have, as a rule, 2 years' experience at post-doc level and a good publication record.

Job descriptions:

Researcher position

We are seeking highly motivated individuals with proven experience in metabolomics and bioactivity assays and that can contribute to enhance and complement our research interests.

A researcher with expertise on different extraction, chromatographic and spectrometric techniques for the characterization of metabolic profiles of natural matrices, as well as on biological assays, involving cellular and cell free systems, kinetic and end-point determinations, and in vivo models, is sought.

Candidates should have a PhD in Pharmacy, Biochemistry or related area. A significant background and experience is expected and will be evaluated according to publications on the subject in international refereed scientific journals. Only applicants with a solid CV and proven capacity will be considered.

The candidate is expected to design experiments, write laboratory protocols and procedures, work with collaborators, prepare manuscripts and grant applications, and deliver oral presentations. Other responsibilities include the training and day to day supervision of other members of the research group, general management of a shared laboratory and participation in institutional activities. It is also expected a fast and profitable integration in current research projects. Work will be conducted in an excellent environment with state-of-the-art facilities.

Job Reference: Food_R3

Main research field: Chemical Engineering

Sub-research field: Biotechnology

Job summary:

REQUIMTE offers Research Positions to undertake research which will be focused on the valorization of low value marine/agricultural national resources and waste of agro-food industry. The work may involve the extraction of proteins and/or polysaccharides using “clean” technologies, its study using different spectroscopic techniques (FTIR, NMR), microscopy (AFM, SEM, CLSM), rheology and calorimetry. Applicants should have, as a rule, 2 years’ experience at post-doc level and a good publication record.

Job descriptions:

Researcher position

It is expected that the research fellow will work on the development of bio-polymeric systems relevant to the agro- food industry as texture enhancers, and/ or as protective films/coatings.

We are seeking highly motivated individuals with proven experience in any of these areas and that can contribute to enhance and complement our research interests.

The candidate must have a PhD in the areas of Chemical, Food or Biological Engineering, Chemistry or Biochemistry and preference will be given to candidates that have experience in the field of research of the host laboratory, namely, in (i) the characterization of physical and rheological properties as well as microstructure and processing of food products and (ii) the development of biodegradable protection and coating films. A significant background and experience is expected and will be evaluated according to publications in international refereed scientific journals.

The candidate must have, at least, 2 years’ experience as researcher in the field and is expected to design experiments, write laboratory protocols and procedures, work with collaborators, prepare draft manuscripts and grant applications, and deliver oral presentations. Other responsibilities include the training and day to day supervision of other members of the research group, general management of a shared laboratory and participation in institutional activities. It is also expected a fast and profitable integration in current research projects. Work will be conducted in an excellent environment with state-of-the-art facilities.

Job Reference: Food_R4

Main research field: Chemical Engineering

Sub-research field: Biotechnology

Job summary:

REQUIMTE offers Research Positions to undertake research which will be focused on the food control and waste valorization from agro-industries. The work may involve the analysis by chromatographic techniques, the development of electrochemical sensors, and the optimization of 'clean' extraction methods. The work should be focused on practical implementation, reflecting the needs of companies. Applicants should have, as a rule, 2 years' experience at post-doc level and a good publication record.

Job descriptions:

Researcher position

The research fellow to be recruited is expected to work on food control, especially seafood, and the introduction of new materials and technologies to protect and increase the shelf life of food, preferably by using sustainable processes, to reinforce and improve food safety. In the perspective of green chemistry, food- and agricultural waste valorization is another objective of the project.

The research interests should include:

(i) To develop new analytical methodologies for the control of constituents and contaminants in food; (ii) To develop new "clean/environmentally friendly" extraction processes to obtain components from waste of the food industry for the functional enhancement of natural resources; (iii) To strengthen applied research, meeting the needs of the agro-food industry, for the valorization of food- and agricultural wastes.

We are seeking highly motivated individuals with proven experience in these areas and that can contribute to enhance and complement our research interests.

The candidate must have a PhD in Chemical Engineering, Chemistry or Biotechnology and preference will be given to candidates that have experience in analytical chemistry and wastes valorization in the field of research of the host laboratory. A significant background and experience is expected and will be evaluated according to publications in international refereed scientific journals.

The candidate must have, at least, 3 years of experience as researcher in biotechnology and/or is expected to design experiments, write laboratory protocols and procedures, work with collaborators, prepare manuscripts and grant applications, and deliver oral presentations. Other responsibilities include the training and day to day supervision of other members of the research group, general management of a shared laboratory and participation in institutional activities. A fast and profitable

integration in current research projects is also expected. Work will be conducted in an excellent environment with state-of-the-art facilities.