For Organisations

- Post research opportunities
- Find the ideal candidate
- List of registered organisations

For Researchers

- Post your CV
- Find research opportunities
- Practical information
- Foreign Researchers Guide
- Useful links

Portuguese Mobility Centres

- List and locate Portuguese Mobility Centres .

Research Landscape

- Portuguese research landscape
  Find out how research is organised in Portugal.
- Portuguese research policy
  Find out about research policy in Portugal.
- Women in science
  Find out about the situation of women scientists.

Post Research Opportunities

Unique identifier: 2ca8974f-c977-4402-b4dc-d62763d0d4fc

English

1. Descrição do cargo/posição/bolsa
1. Job description

Job:
BPD_IgYPurTech

Job/Fellowship Reference: BPD_IgYPurTech

Main research field: Chemistry

Sub research field:

Job summary:

Job summary: to investigate aqueous biphasic systems constituted by ionic liquids as an alternative route for the purification of immunoglobulin Y (IgY) from egg yolk. The major goal of this post-doctoral position envisages the development of a new technique for the selective extraction (purification) of IgY from raw egg yolk, i.e., to selectively separate the water soluble IgY from the yolk lipoproteins and other impurities. The research proposal contemplates the study of the impact of several ionic liquids through the protein stability and the optimization of the purification systems.

Job description:

Project: IgY Technology: A Purification Platform using Ionic-Liquid-Based Aqueous Biphasic Systems (IgYPurTech)
European Research Council, Grant agreement no.: 337753

Job summary: to investigate aqueous biphasic systems constituted by ionic liquids as an alternative route for the purification of immunoglobulin Y (IgY) from egg yolk. The major goal of this post-doctoral position envisages the development of a new technique for the selective extraction (purification) of IgY from raw egg yolk, i.e., to selectively separate the water soluble IgY from the yolk lipoproteins and other impurities. The research proposal contemplates the study of the impact of several ionic liquids through the protein stability and the optimization of the purification systems.

Applications are open for the allocation of 1 post-doctoral research fellowship, under the project "IgY Technology: A Purification Platform using Ionic-Liquid-Based Aqueous Biphasic Systems (IgYPurTech), from an European Research Council (ERC) Starting Grant, Grant agreement no.: 337753, at the Chemistry Department, CICECO (Centre for Research in Ceramics and Composite Materials), in University of Aveiro.

Scientific field: Biochemistry

Sub research field: Biotechnology/Chemistry

Requirements: (i) PhD in Biochemistry, Chemistry or related fields; (ii) Degree (Licenciatura) and/or MSc in (Bio)Chemistry or Biotechnology; (iii) good English communication; (iv) Facultative: Relevant scientific experience in the field of this application.

Regulation: The fellowship is in accordance with Law Nº. 40/2004, 18th August (Research Fellow Statute) and the Regulation of Scientific Research Grants from the University of Aveiro – Regulation n.º 341/2011, published in Diário da República, 2nd series, n.º 98, 20th May.

Place of work and Scientific Orientation: The work will be carried out at the Chemistry Department, CICECO, University of Aveiro, Portugal. All the research activities will be supervised by Dr. Mara G. Freire.

Duration of Activity: The fellowship has the duration of 12 months, renewable up to 36 months more, scheduled to start in March 1st 2014.

Components of the Fellowship: The value of the scholarship follows the Tables announced by FCT: 1495 € per month (http://alfa.fct.mctes.pt/apoios/bolsas/valores). The periodicity of the fellowship's payment is monthly and via bank transfer.

Criteria for evaluation of the candidates: Applications will be screened on the basis of: (i) Scientific Curriculum Vitae; (ii) Classification of the academic degrees held by the applicant; (iii) Previous and confirmed experience in the scientific field of this application, and in particular in proteins and separation methods; (iv) If the jury considers relevant, interviews with the candidates may be held.

Jury: The panel responsible for selection will be composed of the following members: Mara G.

Freire, João A. P. Coutinho and Isabel Boal Palheiros.

Notification of results: The selected candidate will be notified by e-mail.

Opening date and deadline for applications: Applications must be submitted from 15th of January to 15th of February 2014.

Documents of application: The application must contain the following documents: (i) Motivation letter focusing the candidate interest on this project (and with full contacts of the applicant); (ii) Copies of certificates or documents confirming the academic degrees/classifications; (iii) Detailed Curriculum Vitae.

Applications should be sent by e-mail under the subject "ERC Post-doctoral Research Position (2)" to Dr. Mara G. Freire: maragfreire@ua.pt

Vacant posts: 0

Type of contract: Information not available

Job country: Portugal

Job city: Aveiro

Job company/institute: Universidade de Aveiro

Application deadline: 15 Fevereiro 2014
(The Application's deadline must be confirmed on the Job Description)

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2. Dados de contactos da organização
2. Organization contact data

Organization/institute: Centro de Investigação em Materiais Cerâmicos e Compósitos (CICECO) - Universidade de Aveiro

Address:
Campus Universitário de Santiago
Aveiro - 3810–193
Portugal

Email: ciceco@ua.pt

Website: http://www.ciceco.ua.pt/

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3. Habilitações académicas
3. Required education Level

Empty

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4. Línguas exigidas
4. Required languages

Empty

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5. Experiência exigida em investigação
5. Required research experience

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