

In the scope of the “**Ciência 2007 International Call for Applications for PhD research positions in Portuguese scientific institutions**” (<http://www.fct.mctes.pt/ciencia2007/indexEN.asp>), **IBILI** is now offering 6 Associate Research Scientist positions for candidates holding a PhD degree and 3 years of post-doctoral experience.

Salary: Grade 195 of Scientific Research Career – Approx. €42,500/year. Appointments are held initially for 5 years.

Research positions are offered for the following scientific areas:

Job Reference: C2007-C2007/IBILI/CO/P1

<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=6507>

Main research field: Medical sciences

Sub research field: Biomedicine

Job summary:

An Associate Research Scientist position is available at Centre of Ophthalmology, IBILI- Faculty of Medicine, University of Coimbra. Candidates should hold a Ph.D. degree and international experience, and are expected to develop research in Ocular Cell and Molecular Biology, in the areas of regulation of protein degradation by the ubiquitin-proteasome system.

Job description:

The Biomedical Institute for Research in Light and Image (IBILI) is a research department of the Faculty of Medicine – University of Coimbra and is an internationally recognized centre of excellence for research in health sciences. IBILI fosters an environment for research, education and training that promotes a multi-disciplinary approach to health sciences, crossing traditional boundaries between Medicine, Biology and Engineering. Integration between basic and clinical research is essential for the advance of modern health sciences and IBILI commits a major effort to support such integrated research programmes. At IBILI we believe that people are a vital component for the success of any major scientific endeavour. We intend to attract and retain talented staff and we are committed to provide to all our staff a rich and fruitful research and teaching environment. The successful candidate is expected to develop

research in Ocular Cell and Molecular Biology, in the areas of regulation of protein degradation by the ubiquitin-proteasome system.

We offer a 5-year research position and the opportunity to develop an independent research line, at an externally recognized centre of excellence with modern research facilities and a network of research groups with focus in Vision Sciences. Successful applicants should have a good publication record and professional experience in Ocular Cell and Molecular Biology, particularly in the areas of protein degradation, ubiquitin-proteasome system and endocytosis. A background in biology of ageing, live cell imaging and electron microscopy is also strongly valued. The successful candidate is also expected to contribute to graduate courses in Vision Sciences and Biology of Ageing and, therefore, expertise in this type of activity will also be considered in the evaluation of the applicants. We expect a proactive attitude, the ability to establish and maintain local and international collaborations. Interest in activities of public awareness of science will also be valued.

Vacant posts: 1

Required education Level:

Degree: PhD in Biomedicine or related areas
Degree field: Medical sciences

Required languages:

Language: English
Priority: High
Reading: Excelent
Writing: Excelent
Comprehension: Excelent
Conversation: Excelent

Required research experience:

Main Research Field: Medical sciences
Research Sub-Field: Biomedicine or related areas
Years of Research Experience: 3 years

Job Reference: C2007-C2007/IBILI/CO/P2

<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=6508>

Main research field: Medical sciences

Sub research field: Biomedicine or related areas

Job summary:

An Associate Research Scientist position is available at Centre of Ophthalmology, IBILI- Faculty of Medicine, University of Coimbra. Candidates should hold a Ph.D. degree and international experience, and are expected to develop research in Ocular Cell and Molecular Biology, namely, in the molecular aspects of retinal diseases and development of animal models of retinal disease.

Job description:

The Biomedical Institute for Research in Light and Image (IBILI) is a research department of the Faculty of Medicine – University of Coimbra and is an internationally recognized centre of excellence for research in health sciences. IBILI fosters an environment for research, education and training that promotes a multi-disciplinary approach to health sciences, crossing traditional boundaries between Medicine, Biology and Engineering. Integration between basic and clinical research is essential for the advance of modern health sciences and IBILI commits a major effort to support such integrated research programmes. At IBILI we believe that people are a vital component for the success of any major scientific endeavour. We intend to attract and retain talented staff and we are committed to provide to all our staff a rich and fruitful research and teaching environment.

The successful candidate is expected to contribute and strength the existing interests at Centre of Ophthalmology, in the molecular aspects of retinal diseases and development of animal models of retinal disease as well as other diseases associated with endothelial dysfunction. Therefore, expertise in these areas will be strongly valued. The applicant should also have a background in live cell imaging and electron microscopy. We will also value expertise and interest in Vascular Biology. We offer a 5-year research position and the opportunity to develop an independent research line, at an externally recognized Centre of excellence with modern research facilities and a network of research groups with focus in Vision Sciences. The successful candidate is also expected to contribute to

graduate courses in Vision Sciences and Biology of Ageing and, therefore, expertise in this type of activity will also be considered in the evaluation of the applicants. We expect a proactive attitude, the ability to establish and maintain local and international collaborations. Interest in activities of public awareness of science will also be valued.

Vacant posts: 1

Required education Level:

Degree: PhD in Biomedicine or related areas

Degree field: Medical sciences

Required languages:

Language: English

Priority: High

Reading: Excelent

Writing: Excelent

Comprehension: Excelent

Conversation: Excelent

Required research experience:

Main Research Field: Medical sciences

Research Sub-Field: Biomedicine or related areas

Years of Research Experience: 3 years

Job Reference: C2007-C2007/IBILI/CO/P3

<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=6510>

Main research field: Chemistry

Sub research field: Biomaterials or related areas

Job summary:

An Associate Research Scientist position is available at Centre of Ophthalmology, IBILI- Faculty of Medicine, University of Coimbra. Candidates should hold a Ph.D. degree and international experience, and are expected to develop research in in the area of polymeric biomaterials and its applications to Biological Systems.

Job description:

The Biomedical Institute for Research in Light and Image (IBILI) is a research department of the Faculty of Medicine – University of Coimbra and is an internationally recognized centre of excellence for research in health sciences. IBILI fosters an environment for research, education and training that promotes a multi-disciplinary approach to health sciences, crossing traditional boundaries between Medicine, Biology and Engineering. Integration between basic and clinical research is essential for the advance of modern health sciences and IBILI commits a major effort to support such integrated research programmes. At IBILI we believe that people are a vital component for the success of any major scientific endeavour. We intend to attract and retain talented staff and we are committed to provide to all our staff a rich and fruitful research and teaching environment.

We offer a 5-year research position and the opportunity to develop an independent research line, at an externally recognized centre of excellence with modern research facilities and a network of research groups with focus in Vision Sciences. Successful applicants should have a good publication record and professional experience in in the area of polymeric biomaterials, particularly as they apply to Biological Systems with special emphasis to the eye and vascular system. We also value expertise and interest in nanotechnology and hydrogels. The successful candidate is expected to contribute and strength the existing collaborative efforts between the Department of Chemical Engineering of the University of Coimbra and IBILI, in development of innovative therapies for age-related diseases and application to animal models of disease.

We expect a proactive attitude, the ability to establish and maintain local and international collaborations. Interest in activities of public awareness of science will also be valued.

Vacant posts: 1

Required education Level:

Degree: PhD in Biomaterials or related areas
Degree field: Chemistry

Required languages:

Language: English
Priority: High
Reading: Excelent
Writing: Excelent
Comprehension: Excelent
Conversation: Excelent

Required research experience:

Main Research Field: Chemistry
Research Sub-Field: Biomaterials or related areas
Years of Research Experience: 3 years

Job Reference: C2007-C2007/IBILI/IF/P4

<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=6582>

Main research field: Pharmacological sciences

Sub research field: Vascular Biology or related areas

Job summary:

An Associate Research Scientist position is available at the Institute of Pharmacology and Experimental Therapeutics, IBILI- Faculty of Medicine, University of Coimbra. Candidates should hold a Ph.D. degree and international experience, and are expected to develop research in Molecular Pharmacology, namely in stem cell responses to perturbation (including drugs).

Job description:

The Biomedical Institute for Research in Light and Image (IBILI) is a research department of the Faculty of Medicine, University of Coimbra, and is an internationally recognized centre of excellence for research in health sciences. IBILI fosters an environment for research, education and training that promotes a multi-disciplinary approach to health sciences, crossing traditional boundaries between Medicine, Biology and Engineering. Integration between basic and clinical research is essential for the advance of modern health sciences and IBILI commits a major effort to support such integrated research programmes. At IBILI we believe that people are a vital component for the success of any major scientific endeavour. We intend to attract and retain talented staff and we are committed to provide to all our staff a rich and fruitful research and teaching environment.

The successful candidate is expected to contribute and strength the existing interests at the Institute of Pharmacology and Experimental Therapeutics, in the molecular aspects of endothelial dysfunction and stem cell precursors. Therefore, expertise in these areas will be strongly valued. Preference will be also ascribed to the applicant with a strong background in molecular vascular pharmacology. We offer a 5-year research position and the opportunity to develop an independent research line, at an externally recognized Centre of Excellence with modern research facilities and a network of research groups. The successful candidate is also expected to contribute to graduate courses in Pharmacology and, therefore, expertise in this type of activity will also be considered in the

evaluation of the applicants. We expect a proactive attitude, the ability to establish and maintain local and international collaborations. Interest in activities of public awareness of science will also be valued.

Vacant posts: 1

Required education Level:

Degree: PhD in Biomedicine or related areas
Degree field: Pharmacological sciences

Required languages:

Language: English
Priority: High
Reading: Excelent
Writing: Excelent
Comprehension: Excelent
Conversation: Excelent

Required research experience:

Main Research Field: Medical sciences
Research Sub-Field: Biomedicine or related areas
Years of Research Experience: 3 years

Job Reference: C2007-Ref. C2007/IBILI/CO/P5

<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=6546>

Main research field: Neurosciences

Sub research field: Neuroimaging

Job summary:

An Associate Research Scientist position is available at IBILI- Faculty of Medicine, University of Coimbra. Candidates should hold a Ph.D. degree and international experience, and are expected to develop research in Brain Imaging, in the area of Cognitive Neuroscience. The salary will be in the range of approx. €42,500/14 months/year. Appointments are held initially for 5 years.

Job description:

The Biomedical Institute for Research in Light and Image (IBILI) is a research department of the Faculty of Medicine – University of Coimbra and is an internationally recognized centre of excellence for research in health sciences. IBILI fosters an environment for research, education and training that promotes a multi-disciplinary approach to health sciences, crossing traditional boundaries between Medicine, Biology and Engineering. Integration between basic and clinical research is essential for the advance of modern health sciences and IBILI commits a major effort to support such integrated research programmes. At IBILI we believe that people are a vital component for the success of any major scientific endeavour. We intend to attract and retain talented staff and we are committed to provide to all our staff a rich and fruitful research and teaching environment. The successful candidate is expected to develop research in Brain Imaging, in the area of Cognitive Neuroscience and is expected to have a special interest in the relationship between neural circuits and behavior.

We offer a 5-year research position and the opportunity to develop an independent research line, at an externally recognized centre of excellence with modern research facilities and a network of research groups with focus in Vision Sciences. Successful applicants should have a good publication record and professional experience in Neuroimaging, particularly in the area of Cognitive Neuroscience. A background in psychophysics and behavior, analysis methods and multimodal imaging is also strongly valued. The successful candidate is also expected to

contribute to graduate courses in Neuroimaging and Cognitive Neuroscience and, therefore, expertise in this type of activity will also be considered in the evaluation of the applicants. We expect a proactive attitude, the ability to establish and maintain local and international collaborations. Interest in activities of public awareness of science will also be valued.

Vacant posts: 1

Required education Level:

Degree: PhD
Degree field: Neurosciences

Required languages:

Language: English
Priority: Normal
Reading: Excelent
Writing: Excelent
Comprehension: Excelent
Conversation: Excelent

Required research experience:

Main Research Field: Neurosciences
Research Sub-Field: Neurimaging
Years of Research Experience: 3 years

Additional contact: mcbranco@ibili.uc.pt

Job Reference: C2007-C2007/IBILI/CO/P6

<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=6545>

Main research field: Medical sciences

Sub research field: Imaging

Job summary:

An Associate Research Scientist position is available at IBILI- Faculty of Medicine of Coimbra. Candidates should hold a Ph.D. degree and international experience, and are expected to develop research in Imaging Methods and Applications, namely, in the biophysical aspects of neural and vascular imaging at different levels of the human visual system. The salary will be in the range of approx. €42,500/14 months/year. Appointments are held initially for 5 years.

Job description:

The Biomedical Institute for Research in Light and Image (IBILI) is a research department of the Faculty of Medicine – University of Coimbra and is an internationally recognized centre of excellence for research in health sciences. IBILI fosters an environment for research, education and training that promotes a multi-disciplinary approach to health sciences, crossing traditional boundaries between Medicine, Biology and Engineering. Integration between basic and clinical research is essential for the advance of modern health sciences and IBILI commits a major effort to support such integrated research programmes. At IBILI we believe that people are a vital component for the success of any major scientific endeavour. We intend to attract and retain talented staff and we are committed to provide to all our staff a rich and fruitful research and teaching environment.

The successful candidate is expected to contribute and strength the existing interests at IBILI, in the methodological aspects of neuroimaging structure and function of the nervous system and development of applications in the field of visual science. Therefore, expertise in these areas will be strongly valued. The applicant should also have a background in biophysical methods as applied to imaging techniques. We will also value expertise and interest in Neural and Vascular Biology. We offer a 5-year research position and the opportunity to develop an independent research line, at an externally recognized Centre of excellence with modern research facilities and a network of research

groups with focus in Vision Sciences. The successful candidate is also expected to contribute to graduate courses in Vision Sciences and Imaging and, therefore, expertise in this type of activity will also be considered in the evaluation of the applicants. We expect a proactive attitude, the ability to establish and maintain local and international collaborations. Interest in activities of public awareness of science will also be valued.

Vacant posts: 1

Required education Level:

Degree: PhD
Degree field: Medical sciences

Required languages:

Language: English
Priority: Normal
Reading: Excelent
Writing: Excelent
Comprehension: Excelent
Conversation: Excelent

Required research experience:

Main Research Field: Medical sciences
Research Sub-Field: Imaging
Years of Research Experience: 3 years

Additional contact: mcbranco@ibili.uc.pt

Application Procedure: Applications should be submitted to ciencia2007@ibili.uc.pt and should include:

- Cover letter
- CV including list of peer reviewed publications.
- An original research proposal addressing specific issues relevant for each position (maximum 3 pages).
- Two letters of recommendation

Equal opportunity statement: IBILI practices an affirmative action and equal opportunity policy. At IBILI we value diversity and we have a strong policy against discrimination at work of any kind.

Organization contact data:

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