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For Organisations

Universidade do Minho - 3 B's - Research Group - Biomaterials, Biodegradables and Biomimetics

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1. Descrição do cargo/posição/bolsa

1. Job description

Job:

4 PhD Scholarships

Job/Fellowship Reference: Doctoral Programme PATH

Main research field: Not available

Sub research field:

Job summary:

The ICVS/3B's at the University of Minho in collaboration with the European Institute of Excellence on Tissue Engineering and Regenerative Medicine (EXPERTISSUE EEIG), created the PhD program on Advanced Therapies for Health, PATH (<http://path.3bs.uminho.pt>). This Program was selected for Funding under the scope of the call from the Portuguese Science Foundation IP, and Ministry of Technology and Higher Education (FCT / MCTES), and the European Social Fund through the Operational Programme Human Capital (HC OP) which finances 4 scholarships per year to be awarded to selected candidates.

Job description:

The PhD programme on Advanced Therapies for Health

The ICVS/3B's at the University of Minho in collaboration with the European Institute of Excellence on Tissue Engineering and Regenerative Medicine (EXPERTISSUE EEIG), created the PhD program on Advanced Therapies for Health, PATH (<http://path.3bs.uminho.pt>). This Program was selected for Funding under the scope of the call from the Portuguese Science Foundation IP, and Ministry of Technology and Higher Education (FCT / MCTES), and the European Social Fund through the Operational Programme Human Capital (HC OP) which finances 4 scholarships per year to be awarded to selected candidates.

Advanced therapy medicinal products are new medical products based on genes (gene therapy), cells (cell therapy) and tissues (tissue engineering), eventually combined with Nanotechnology. These advanced therapies promise a new era of revolutionary treatments of a number of diseases or injuries, either congenital, degenerative or infectious, from several organic systems, such as musculoskeletal diseases, burns, central & peripheral nervous system, cardiovascular, hematological or immunological.

The highly internationalized PATH PhD program, coordinated by the ICVS/3B's Associate Laboratory, University of Minho, in collaboration with the Institute of Excellence on Tissue Engineering and Regenerative Medicine (EXPERTISSUES European Economic Interest Group) aims at providing training of excellence to young hybrid researchers in interdisciplinary fields covering from basic cell biology research including stem cells, biomaterials, tissue engineering, biocompatibility and nanomedicine to medical translation using advanced therapies and minimally invasive surgery.

The PATH Doctoral Program aims at attracting both national and international students with excellent academic and/or professional records, namely previous research experience. More detailed information about this Doctoral Program can be obtained by following this link: <http://path.3bs.uminho.pt>.

Under the scope of the present call for application, the Program Directive Committee is responsible for the selection of the candidates that will be awarded with the FCT scholarships, being the respective contracts signed directly with the FCT. As such, and in the terms of the Estatuto do Bolseiro de Investigação Científica, approved by law nº 40/2004 of August 18, in its current form, and of the Regulamento de Bolsas da Fundação para a Ciência e a Tecnologia, The Directive Commission opens the call for selection of candidates to be awarded with the individual scholarships.

1- PhD SCHOLARSHIPS (BD): The Associated Laboratory ICVS/3B's from the University of Minho opens a call to 4 PhD scholarships financed by national funds through Portuguese Science Foundation IP, and Ministry of Technology and Higher Education (FCT / MCTES), and the European Social Fund through the Operational Programme Human Capital (PO CH) under the following conditions:

2- PROFILE OF THE CANDIDATE: Candidates to the PATH Doctoral Program should preferentially hold an MSc degree on Biomedical Engineering, Biological Engineering, Materials Engineering, Biology, Pharmacy, Biochemistry, Veterinary Sciences, Medicine or related/equivalent areas.

3- CANDIDATES: Under the terms of article nº5 and article nº14, both of the FCT Research Grants Regulations (RBI), can apply for this call:

National's citizens or nationals of other member states of the European Union who are holders of the academic degree necessary to enter a cycle of studies conducive to obtaining the academic degree of doctor;

Citizens of third countries, residence permit holders or beneficiaries of long-term resident status as provided for in Law 23/2007, of July 4, amended by Law No. 29/2012, of August 9;

Not eligible citizens who have already benefited, for the same purpose scholarships of the same type of placed now in competition, if they have been directly funded by FCT.

4- PERIOD OF APPLICATION: The applications should be submitted between 07th of May and 31st of May 2019.

DOCUMENTS: The full application must include the following documents to the email info@3bs.uminho.pt.

The application must be instructed, under penalty of exclusion, with the following documents:

Detailed curriculum vitae, dated and signed with a letter of motivation;

Two recommendation letters;

Copy of identification document;

Documents evidencing the certificates of qualifications of all the academic degrees* obtained, with grade;

Document proving permanent and habitual residence in Portugal, if applicable;

Updated statement proving the candidate's professional status, indicating the nature of the job, duties and workload in the average week, if applicable, and may replace it with a declaration of honor, if he does not carry out any professional activity or provision of services;

* In the moment of the application, it's not necessary to submit the recognition of degrees obtained in foreign institutions (only the degrees' certificates). However, admitted candidates will have to present, in the moment of the contract, the official recognition in the terms defined in the legislation (Decree-Law nr.66/2018, of the 16th of August and Ordinance nrº33/2019, of 25th of January).

5- WORK PLAN: Advanced therapies are new medical treatments obtained from genes (gene therapies), cells (cell therapies) and tissues (tissue engineering). These advanced therapies facilitate the development of revolutionary treatments for different diseases such as congenital malformations, cardiovascular diseases, musculoskeletal diseases, burns, central nervous system disorders, cancer or degenerative diseases.

6- INSTITUTION: Associated Laboratory ICVS/3B's from the University of Minho.

7- SELECTION METHODS: The evaluation of the applications is based on Academic Qualifications and Interview. The evaluation criteria for each method is as follows:

1. Curriculum Evaluation (50%)

1.1 Academic qualifications and Research Experience (25%)

1.2 Motivation of the candidate and quality of the feedback received from the reference letters (25%)

2. Interview (50%)

2.1 Professional and behavioral skills during the interview

A good standard in English with excellent verbal and written communication skills is also required, candidates will be interviewed in

English either in person or by video conference.

The candidates will be classified with a scale of 1 to 20 for each criterion, and only candidates classified with a score above 15 in the Curriculum Evaluation will be admitted to the Interview.

8- JURY OF SELECTION: Interviews will be conducted by a Selection Committee appointed by the Directive Board, including potential supervisors and members of the Directive Board. The interviews will take place at 3B's Research Group in June 2019.

9- NOTIFICATION OF RESULTS: The final evaluation will be published through the list ordered according to final score. It will be posted in a public location of the 3B's Research Group, the successful candidate will be notified by e-mail with the respective minute.

In case the decision to be made is not favorable to the award of the required scholarship, the candidates have a 10 working days deadline, after release of the results, to pronounce against the results according to the terms determined by the Portuguese Administrative Procedure Code. After the final decision is made, an appeal can be performed addressing the FCT, within a 15 working days deadline after the respective notification.

10- DURATION AND AMOUNT OF THE SCHOLARSHIP: Pursuant to article nº 9 of the RBI, the duration of the scholarship is one year, renewable at least for the maximum period of 4years, and is expected to start in September 2019. The monthly maintenance allowance grant is the one established in the attached Table to the RBI taking into account the type of scholarship. Payment of the SMM as well as the payment of expenses resulting from the eventual adhesion of the fellow to the voluntary social insurance scheme (1st step) will be made monthly by bank transfer to the account identified by the fellow in the process of contracting the scholarship.

The candidates to be selected will carry out the functions of scholarship holder on an exclusive dedication under the terms established in the Researcher's Statute.

11- LEGISLATION: Law nº 40/2004, of August 18, in its current version, approves the Statute of Research Fellowship, available at: <http://www.fct.pt/apoios/bolsas/estatutobolseiro.phtml.pt>

FCT Research Grants Regulation, I.P, Regulation nº 234/2012, last amended by Regulation Nº 339/2015, published in the II Series of the Diário da República dated June 17, 2015, available at <http://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>

Vacant posts: 4

Type of contract: Other

Job country: Portugal

Job city: Caldas das Taipas

Job company/institute: Universidade do Minho - 3B's Research Group

Application deadline: 31 Maio 2019

(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: Universidade do Minho - 3 B's - Research Group - Biomaterials, Biodegradables and Biomimetics

Address:
Avepark - Zona Industrial da Gandra
Guimarães - 4805-017
Portugal

Email: info@i3bs.uminho.pt

Website: <http://www.3bs.uminho.pt/>

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3. Habilitações académicas
3. Required education Level

Degree: Candidates to the PATH Doctoral Program should preferentially hold an MSc degree on Biomedical Engineering, Biological Engineering, Materials Engineering, Biology, Pharmacy, Biochemistry, Veterinary Sciences, Medicine or related/equivalent areas

Degree field: Not available

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4. Línguas exigidas
4. Required languages

Language: English

Priority: High

Reading: Excelent

Writing: Excelent

Comprehension: Excelent

Conversation: Excelent

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5. Experiência exigida em investigação
5. Required research experience

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