

**ANNOUNCEMENT FOR THE OPENING OF AN INTERNATIONAL SELECTION TENDER
PROCEDURE FOR DOCTORATE HIRING OF DECREE-LAW NO. 57/2016 OF 29 AUGUST,
amended by 57/2017 Law of 19 july.**

Internal Reference: PR201902

1. The meeting of the Board of Directors of IBMC deliberated the opening of an international selection tender for 1 vacancy of doctorate to perform duties of scientific research in the scientific area(s) of Health Sciences, under a work contract with non-fixed term under the Portuguese labor Law in order to perform duties, as researcher within the project with the reference POCI-01-0145-FEDER-029486 and the title “Clinical and Genetic study of primary headaches and the most relevant associated comorbidities” at IBMC, financed by FEDER - Fundo Europeu de Desenvolvimento Regional funds through the COMPETE 2020 - Operacional Programme for Competitiveness and Internationalisation (POCI), Portugal 2020, and by Portuguese funds through FCT - Fundação para a Ciência e a Tecnologia/Ministério da Ciência, Tecnologia e Ensino Superior.

2. Project summary:

With this project, we aim to ascertain at a National level a larger sample of migraineurs and cluster headache (CH) Portuguese patients and consequently to increase our control group. Also, we aim to deepen the link between primary headaches and associated comorbidities as Temporomandibular Dysfunction (TMD) regarding the shared common mechanisms between the two pathologies. After a careful selection of patients, relatives and controls we will perform for the first time, a Whole-Genome study in this clinically well-defined cohorts of Portuguese patients with migraine and/or CH, TMD and with both headache disorders and TMD. This Project could represent the first study in different geographical regions of Portugal to identify common rare exonic variants associated with migraine and CH susceptibility. In addition, we also expect to provide new insights regarding shared genetic risk for migraine and TMD. Understanding the mechanisms underlying migraine, cluster headache and TMD pathophysiology could lead to the development of more effective and better-tolerated therapeutic approaches to avoid the overlay of painful events.

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Tasks in which the applicant will be involved: Organization and analysis of epidemiological and clinical data of migraine and TMD. Extraction and manipulation of biological material for Next Generation Sequencing (NGS). Bioinformatics' analysis of NGS data.

Applicable Legislation

- Decree-Law no. 57/2016 of 29 August, amended by Law 57/2017 of 19 July, which approved the doctorate hiring regime destined to stimulate scientific and technological employment for all knowledge areas (RJEC),
- Portuguese labor law
- Regulatory Decree Nr 11-A / 2017, of 29th December.

3. Pursuant to article 13 of RJEC, the tender selection panel shall be formed by:

President: José Pereira Monteiro

Other members: Teresa Pinho and Carolina Lemos

4. Workplace shall be at IBMC, Rua Alfredo Allen, 208, Porto. Group: UnIGENe

5. Monthly remuneration: Gross monthly Remuneration is 2.128,34€, in accordance with subsection a), section 1, article 15 from Law nr 57/2017, 19th July, and with the remuneration position at initial level predicted in article 2 of Regulatory Decree nr 11-A/2017, of 29th December, correspondent to level 33 at Tabela Remuneratória Única, approved by Order nr 1553-C/2008, 31st December, with the category Junior Researcher.

6. Any national, foreign and stateless candidate(s) who hold a doctorate degree in Biomedical Sciences and a scientific and professional curriculum whose profile is suited for the activity to be performed can submit their applications. In the event the doctorate degree was awarded by a foreign higher education institution, said degree must comply with the provisions of Decree-Law no. 66/2018 from August 16th, and all formalities established therein must be complied with at the application deadline.

7. The tender admission requirements are:

Applicants must be enthusiastic, proactive, collaborative, as well as have excellent communication skills and interpersonal relationships
Strong experience in molecular biology techniques (DNA/RNA extraction and purification, PCR, Sanger sequencing) (mandatory)
Advanced experience in Next Generation Sequencing techniques (WGS; WES; GWAS) (mandatory)

High quality publication track record: first authorship publications in high quality peer-reviewed scientific journals

Previous knowledge of research with Migraine and oro-facial disfunctions

Experience in bioinformatics

Experience in statistical data analysis

Fluent in spoken and written Portuguese and English language

8. Pursuant to article 5 of RJEC, selection is to be made based on candidate scientific and curricular career evaluation.

9. Scientific and curricular career evaluation focuses on relevance, quality and up-to-dateness:

a) of scientific, technological, cultural or artistic production in the last five years, deemed most relevant by the candidate;

b) of research activities, applied or based on practical work, developed in the last five years, deemed most impactful by the candidate;

c) of the research projects in which he/she participated;

d) of the activities developed in terms of student orientation;

e) of the training courses in the areas covered by point 7;

f) of knowledge extension and dissemination activities developed in the last five years, namely under the scope of the promotion of culture and scientific practices, deemed most relevant by the candidate.

10. The five-year period mentioned above can be extended by the panel, if requested by the candidate, whenever the suspension of scientific activities is reasoned by socially protected grounds like paternity leave, long-term serious illness, and other legal situations of unavailability to work.

11. Evaluation criteria are the following:

a) Detailed CV:

- Experience in molecular biology techniques (10%)
- Experience in Next Generation Sequencing techniques (20%)
- Experience in bioinformatics and *in silico* analysis(10%)

- Ability to analyze clinical and epidemiological data (10%)
- Relevant research experience in Headache and orofacial disorders (20%)

b) Letter of motivation:

- Interest and motivation for the research area of the project (15%)
- Proficiency in Portuguese and English and written communication (5%)

c) Interview (10%)

12. Candidate final classification system shall be given based on a scale 0-100.

13. The panel shall deliberate by means of roll-call vote justified under adopted and disclosed selection criteria, with no abstentions allowed.

14. Minutes of panel meetings shall be executed and shall include a summary of all occurrences of said meeting, as well as of all votes casted by the members and respective reasoning, and shall be provided to candidates whenever required.

15. After selection criteria application, the panel shall prepare a sorted list of approved candidates and respective classification.

16. Panel's final decision shall be validated by the leader of the institution, who is also in charge of deciding about the hiring.

17. Application formalization:

17.1 Applications shall include all supported documents encompassed by section 7 and 8 for tender admission, namely:

- a) Certificate or diploma copy;
- b) Curriculum vitae, detailed and structured pursuant to sections 10 and 12;
- c) Other documentation relevant for the evaluation of qualifications in a related scientific area;
- d) motivation letter (in English – mandatory)

17.2 Candidates shall submit their application filling in the required information and supporting documentation, in a digital form, in PDF format, from the 23rd October 2019 to 6th November 2019 link: <http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=PR201902>

18. All candidates who formalize their applications in an improper way or fail to prove the requirements imposed by this tender are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting their statements.

19. False statements provided by the candidates shall be punished by law.

20. Both admitted and excluded candidate list and final classification list shall be published in the website of the Institute and the candidates are notified by email.

After publication, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 days, from the application deadline, published at IBMC website.

The expected starting date is 1st December 2019

21. This tender is exclusively destined to fill this specify vacancy and can be terminated at any time until approval of final candidate list, expiring with the respective occupation of said vacancy.

22. Non-discrimination and equal access policy: IBMC actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

23. The panel has approved this announcement in meeting held on 14/10/2019.

24. Pursuant to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication/expression means to be used during selection period on their application form, under the regulations above.