

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

Internal reference: RESTORE_ID_04_2019

1. The meeting of the Board of Directors of INEB deliberated the opening of an international selection tender for 1 vacancy of doctorate to perform duties of research in the scientific areas of **Biomedicine** under a work contract with non-fixed term under the Portuguese labor Law in order to perform duties in the aim of project ref. 814558- General MGA — Multi - 5.0- “RESTORE- User-centred smart nanobiomaterial-based 3D matrices for chondral repair” / INEB.i3S, financed by *Horizon 2020*.

2. Summary:

The project aims to realize a new generation of smart 3D matrices for chondral lesions treatment. key cutting-edge technologies will be employed to into biocompatible 3D matrices to promote cartilage repair. Activities under this project encompass nanomaterials, bioengineering, cell-material interactions, cell and molecular biology and in vivo studies.

3. 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).
- Labor Law no. 7/2009, of February 12, in its current version.
- Regulatory Decree Nr 11-A / 2017, of 29th December.

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

President: Bruno Sarmento
Vowel: Raquel Gonçalves
Vowel: Meriem Lamghari

Substitute vowel: José das Neves
Substitute vowel: Cristina Martins

5. Workplace

i3S – Rua de Alfredo Allen, 208, Porto.

6. 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.

7. Any national, foreign and stateless candidate who holds a doctorate degree in **Biomedical Sciences, Pharmaceutical 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. 341/2007 of 12 October, and all formalities established therein must be complied with at the application deadline.

8. The tender admission requirements for the position are:

- PhD in Biomedical Sciences, Pharmaceutical Sciences or other related to Health Sciences;
- Experience on production and physical-chemical characterization of polymeric-based nanobiomaterials;
- Proven experience in the analytical methods for drug evaluation (e.g. RP-HPLC, UV-vis, Fluorescence spectroscopy) and nanobiomaterials stability (e.g. FTIR, CD, stability studies); Cell culture experience on *in vitro* validation of the bioactivity of the nanobiomaterials;
- Proven experience on a) *in vivo* studies; b) pharmacokinetics and pharmacodynamics in disease animal models; c) *in vivo* toxicological response to nanobiomaterials; d) cell and molecular biology (e.g. qPCR, IHC, WB, ELISA, confocal microscopy); e) *In vivo* surgical procedures in animal models;
- Being first author of at least 3 research articles in journals with ISI indexation;
- Competitive track record scientific publication;
- Experience in research supervision;
- Reports writing will be valued;
- Meetings organization will be valued;
- Participation in initiatives to disseminate scientific and technological knowledge be valued.

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

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

a) of scientific and technological 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 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.

11. 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.

12. The criteria of evaluation are scientific and curricular path.

The assessment of the applicants' CV, in particular scientific merit and research capacity, shall be based on the following criteria:

a) Detailed CV (70%):



- Research experience, being valorised its relevance for this project work plan (30%)
- Scientific publications authorship, being valorised its relevance for this project work plan (20%)
- Experience in research work supervision (10%)
- Reports writing (5%)
- Meetings organisation (5%)

b) Motivation letter (30%):

- Interest and motivation for the area where the hiring profile fit in (15%)
- English language skills and written communication abilities (15%)

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

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

15. 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.

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

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

18. Application formalization

18.1 Candidates formalize their online application by completing the required fields requested on the form and submitting the **motivation letter** in English **addressed to the president of the jury**, stating the **identification of the position, full name, address, e-mail address and telephone contact**, also presenting the supporting documents, obligatorily in digital format, in PDF format, from **26th December 2019 to 12th January 2020**, at:

http://portal.i3s.up.pt/gestaocandidaturasineb/index.php?codigo=RESTORE_ID_04_2019

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

- a) Copy of certificate or diploma;
- c) Detailed curriculum vitae, structured in accordance with items 9 to 12;
- d) Letter of motivation in English;
- e) Brief description of the most relevant scientific activities of the last 5 years (maximum 1/2 / 1 page), according to article 5, number 2, RJE and item 10 of this edict;
- e) Other documents relevant for the evaluation of qualification in related scientific area.

19. All candidates who **formalize the application** 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.



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

21. 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 INEB website.

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

23. Non-discrimination and equal access policy: INEB actively promotes a nondiscrimination 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.

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 honor, 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.

25. The panel has approved this announcement in meeting held on 20/12/2019.

