

Research Fellowship (MSc) (m/f)

Project: RESTORE-User-centred smart nanobiomaterial-based 3D matrices for chondral repair (H2020-NMBP-22-2018)

INEB/i3S is opening **1 (one) Research Fellowship (MSc)** in the scope of the European Project mentioned above, funded by Horizon 2020.

Internal reference: RESTORE_BIM_01_2019

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.

Admission requirements: The candidate should have a 5 years Integrated Master Degree or equivalent on Bioengineering, Biochemistry or Health and Life Sciences-related areas with minimal classification of 15 (0-20, classification of integrated MSc or average of BSc+MSc). The candidate should be highly motivated to pursue a scientific career in the field of regenerative medicine, in particular in articular cartilage. Documented experience with nanoparticles, animal cell culture, particularly primary cells, molecular biology, flow cytometry and tissue processing, histology/immunohistochemistry, will be valued. The fellowship is expected to start in March/April 2019.

The selection panel is formed by: Meriem Lamghari (president), Mário Barbosa (vowel), Susana Santos (vowel), Raquel Gonçalves (vowel) and Bruno Sarmento (substitute vowel)

Workplace: i3S – Rua de Alfredo Allen, 208, Porto. The work will be developed at i3S in the Microenvironments for New Therapies Group, under the supervision of Dr. Raquel Gonçalves and Dr. Susana Santos.

Gross monthly remuneration: € 980 according to table values of Fundação para a Ciência e Tecnologia regulations, in the country (<http://www.fct.pt/apoios/bolsas/valores>) and will be paid monthly, preferably by bank transfer. The fellowship will be for 6 months, eventually renewable up to 24 months.

Evaluation: The criteria of evaluation are based on the 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 (50%): research experience, particularly with relevance for this project work (30%), and scientific publications/communications (20%);
- b) Motivation letter (20%): interest and motivation for the regenerative medicine field (10%),



English language skills and written communication abilities (10%);

c) Interview (30%): The first 3 candidates with higher classification will be interviewed.

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

Application: Candidates should apply online, by completing the required fields requested on the application 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. The necessary supporting documents must also be submitted in digital format, PDF format, from the **4th to 15th of February, 2019**, at:

http://portal.i3s.up.pt/gestaocandidaturasineb/index.php?codigo=RESTORE_BIM_01_2019

Applications shall include all support documents, namely:

- a) Copy of certificate or diploma;
- b) Detailed curriculum vitae;
- c) Letter of motivation in English;
- d) Other relevant documents;

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. False statements provided by the candidates shall be punished by law. Both admitted and excluded candidate list and final classification list shall be published in the INEB website and the selected candidate will be notified by email. After publication, all candidates have 10 working days to respond. 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.

Applicable Legislation: Fellowships are regulated by current laws relating to the Statute of Science Research Fellows, namely Law 40/2004 of August 18, amended and republished by Decree-Law No. 202/2012 of 27 August and the Regulation of Scientific Research Studentships of the INEB approved by Fundação para a Ciência e Tecnologia: http://www.ineb.up.pt/sites/default/files/RBINEB_9Nov2011.pdf

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. 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.

