

## CALL FOR APPLICATIONS

### Job:

<b>Job reference:</b>	AE2019-0233 (iReceptor+ - CSIG) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
<b>Position:</b>	Research Grants (BI)
<b>City:</b>	Porto
<b>Research field:</b>	Main: COMPUTER SCIENCE Sub: Informatics

### Job summary:

<b>INESC TEC is accepting applications to award 1 Research Grant for MSC or Degree holders .</b>	
<b>Project:</b>	Architecture and tools for the query of antibody and T-Cell receptor sequencing data repositories for enabling improved personalized medicine an immunotherapy
<b>Scientific Advisor:</b>	Artur Rocha
<b>Duration Grant:</b>	from 2019-12-01 to 2020-05-31 (6) . The grant may be renewed for additional periods up to the maximum duration of the project or the duration of the grant for which the candidate was selected. It can also be renewed due to another project provided that it is entirely or partly related to the work area in the call and that it contributes to the ongoing training.
<b>Location:</b>	INESC TEC, Porto, Portugal

### Job description:

<b>Work Area:</b>	Development of Software Platforms for Health Science Research.
<b>Project overview:</b>	This work focus is in developing platforms that enable the management and extraction of scientific data associated to immunogenetics research. These platforms are composed by Web applications that interact with federated repositories through a set of Web Services (APIs). Developing these platforms must account for data persistence and security.
<b>Objectives:</b>	1. Design and development of the database models 2. Design and development of Web services (API), including security 3. Design and development of Web interfaces for management and visualization of scientific data (from APIs). 4. Create documentation and contribute to communications and publications 5. Participate in project meetings

<b>Academic Qualifications:</b>	Degree or Master in Informatics Engineering or equivalent
<b>Minimum Profile required:</b>	- Development of hybrid applications with responsive design, based on Web services - JavaScript, HTML, CSS and SQL knowledge - Software Engineering knowledge
<b>Preference factors:</b>	- Experience in developing software based on JavaScript (ES6, ReactJS, AngularJS, NodeJS), PHP, PostgreSQL and MongoDB. - Experience in developing cross-platform applications based on Web Services.
<b>Monthly Grant:</b>	€752,38 (Degree) or 989,70 (MSC) according to the Stipends values of the grants awarded directly by the FCT, paid by bank transfer. The grant holder may also benefit from additional incomes in the sequence of a quarterly evaluation process (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), up to a maximum of 50% of the monthly grant.

<b>Project duration:</b>	2019-01-01 a 2022-12-31
<b>Funding Entity:</b>	CE
The grant contract shall be submitted to the legislation concerning the Research Grant Holder Statute , approved by Law n 40/2004, dated 18 August, amended and republished by Decree-Law No. 202/2012 of 27 August and amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of July 9 as well as by INESC TEC Grant Regulation , approved by FCT - Fundação para a Ciência e a Tecnologia (Science and Technology Foundation) in 12 January 2011 and FCT current Grant Regulation. Additional information about <a href="#">INESC TEC Grants Regulation</a> and relating annexes may be found at <a href="http://www.inesctec.pt/grants">www.inesctec.pt/grants</a>	

<b>Selection Criteria:</b>	Curriculum evaluation based on the criteria referred to in Clause 7 <a href="#">INESC TEC Grants Regulation</a> and will include individual interviews in the final stage of the selection process, with its valuation: 70% curriculum evaluation (30% CV, 25% scientific domains and 15% Expertise) and 30% interview.
<b>Selection Jury:</b>	President of the Jury: Prof. Ademar Aguiar; Member: Prof. Ângelo Martins; Member: Prof. Gabriel David;
<b>Notification of results:</b>	The results of the selection process will be disseminated to interested parties by mail, as referred to in Clause 8 of <a href="#">INESC TEC Grants Regulation</a> .
<b>Application period:</b>	From 2019-10-22 to 2019-11-06
<b>Application submission:</b>	Fill in the electronic form in the section <a href="#">Work with Us</a> at <a href="http://www.inesctec.pt">www.inesctec.pt</a> , attaching the Curriculum Vitae, certificate of qualifications and other supporting documents relevant to the final assessment.