

Short-Biography



J. Miguel Oliveira BSc, PhD (Portuguese, M, 39 years old) is an Inventor, Entrepreneur and Senior Researcher “Investigador FCT 2015” at the PT Government Associate Laboratory ICVS/3B’s, University of Minho, Portugal (<http://www.3bs.uminho.pt/users/migueloliveira>). He is the Pro-Director of 3B’s Research Group and Director of Pre-Clinical Research at the FIFA MEDICAL CENTER, Estádio do Dragão, Porto, PT since Feb. 2013. He is member of board of responsables of the Association for the Advancement of Tissue Engineering and Cell based Technologies & Therapies – A4TEC. Currently, he is a Lecturer in Doctoral Program in Tissue Engineering, Regenerative Medicine and Stem Cells (TERM&SC) at UMinho, PT (since Dec. 2013). He is also an Invited lecturer at the Faculty of Medicine, U. Porto (since Sept. 2013) and Dept. of Polymer Eng., UM, PT (2009-present). Along the years, he has focused his work on the field of tissue engineering, nanomedicine, stem cells and cell/drug delivery. More recently, he set-up a new research line within the ICVS/3B’s on 3D in vitro models for cancer research. As result of his proficiency, he has published so far more than 150 scientific contributions in scientific journals with referee (some in high impact factor journals), being 4 of those review papers produced under invitation. Miguel Oliveira was approved 11 patents, published 3 books (4 in preparation), 1 special issue in scientific journals, and more than 50 book chapters in books with international circulation. He has participated in more than 200 communications in national/international conferences and has been invited/keynote speaker in more than 30 plenary sessions. He has an h-index of 29, i10 of 54 and received more than 3,100 citations, and has a RG-index of 40.80. He has a great experience in the supervision of graduate and post-graduate students.

He was responsible for developing and licensing a patent on gellan gum-based polysaccharides (Mimsys® G) to Stematters, the first product commercialized by this spin-off of 3B’s. As a result of his academic activities Miguel Oliveira has been **awarded more than 20 prizes/honours**. The top five are: (i) The Jean Leray Award 2015 (Young Scientists and Group Leaders under 40 years old) attributed by the European Society for Biomaterials for its Outstanding Contributions within the field of Biomaterials, (ii) the Prize Ignacio H. de Larramendi 2013, Prevención, Salud y Medio Ambiente created by Fundación MAPFRE (Spain) for the Development of Novel Therapies for the Treatment and Prevention of Osteoarthritis; (iii) BES INNOVATION AWARD 2012 - HEALTH TECHNOLOGIES AND BIOTECHNOLOGY (created by the bank BES) with the development of the medical device “Porto-Knee Testing Device” (PT), one of the major innovation awards in PT; (iv) Prize Novo Norte attributed to the 3B’s Research Group– Novo Norte 2010 Innovation Award together with the Best Practices in Northern Portugal Award for the Year 2010; (v) Canon Foundation in Europe Fellowship, for the promotion of networking, scientific collaborations and culture exchange between Europe and Japan, in 2005.

He was involved in the preparation of other PT and EC funded projects at UMINHO (e.g. Infrastructure, Equipment’s, Promotion of Series of Events in TERM field and Human resources) totalizing ~25 MEuros. In addition, he is member of the advisory board of the Journal of Materials Science: Materials in Medicine, International Journal of Tissue Engineering, Journal ISRN Biomaterials, The Journal of Experimental Orthopaedics, Journal “Recent Patents on Corrosion Science”, and referee in more than 35 international journals.

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Joaquim Miguel Oliveira, Co-Ord. de Priz