

Program

3rd 3B's symposium on *biomaterials and stem cells in regenerative medicine*

Date: 22 May, 2013

3B's Research Group Auditorium– AvePark, Caldas das Taipas, Guimarães, Portugal

Chairmen: João F. Mano and Rui L. Reis – 3B's Research Group, University of Minho, Portugal

Program

9:00-09:10	Welcome	<i>João F. Mano / Rui L. Reis</i>
Stem cells and biological aspects in regenerative medicine (Chair: Rui L. Reis)		
9:10-9:35	Adult stem cells for TERM: sources and manipulation	<i>Ana Rita Costa-Pinto</i>
9:35-10:00	Induced pluripotent stem cells	<i>Ana M. Martins</i>
10:00-10:25	Vascularization strategies in Regenerative Medicine	<i>Rogério P. Pirraco</i>
10:25-11:00	Keynote Lecture: Extracellular matrix-driven tissue regeneration	<i>Alexandra P. Marques</i>
BREAK		
Biomaterials: from <i>nano</i> to <i>macro</i> (Chair: Ricardo A. Pires)		
11:20-11:45	Polymeric biomaterials from marine-origin	<i>Anabela Alves</i>
11:45-12:10	Shaping biomaterials into porous 3D constructs	<i>Ana R. Duarte</i>
12:10-12:35	Nanobiomaterials in tissue engineering	<i>Albino Martins</i>
LUNCH BREAK		
14:00-14:25	What is common between pintarolas and cells?	<i>Iva Pashkuleva</i>
14:25-14:50	Shaping biomaterials into spherical objects	<i>Clara R. Correia</i>
14:50-15:15	Combinatorial analysis of biomaterials for Tissue Engineering	<i>Mariana B. Oliveira</i>
BREAK		
Using natural-based biomaterials in case studies of Tissue Engineering (Chair: João F. Mano)		
15:40-16:00	Regeneration strategies in the Central Nervous System	<i>Susana R. Cerqueira</i>
16:00-16:20	Skin tissue engineering	<i>Mariana Cerqueira</i>
16:20-16:40	Cartilage tissue engineering	<i>Marta L. Silva</i>
16:40-17:00	Regeneration of the intervertebral disk	<i>Joana S. Correia</i>
17:00-17:20	Strategies for the regeneration of the tendon	<i>Márcia Rodrigues</i>
17:20-17:40	Sports & regenerative medicine	<i>Hélder Pereira</i>
Creative thinking (Chair: Nuno M. Neves)		
17:40-18:15	Keynote Lecture: 3C's - Cultura, Ciência e Criatividade em gastronomia	<i>Renato Cunha</i>