

12th International Meeting of the Portuguese Society for Stem Cells and Cell Therapies

Braga, Portugal

10th March

08.00 - 09.15: Registration

09.15 - 09.30: Opening session

Plenary Lecture I Chair: José Bragança

09.30 - 10.30: "Regenerative Neuroimmunology - new generation molecular approaches to restore maladaptive inflammatory responses in the persistently inflamed CNS", Stefano Pluchino - University of Cambridge

Session I – Stem Cells: Tools for Developmental Biology

Chair: Luísa Pinto

10.45 - 11.15: "The ideal tissue microenvironment for spinal cord repair and regeneration", Leonor Saúde - IMM

11.15 - 11.35: "Generation of Novel Cellular Tools for Cardiac Regeneration", José Belo - CEDOC

11.35 - 12.20: Selected oral communications

12.30 - 13.30: Lunch

Plenary Lecture II Chair: Joana Miranda

13.30 - 14.30: "Tissue engineering for regenerative medicine and food applications", Shulamit Levenberg - Technion Israel Institute of Technology

14.30 - 15.30: Coffee Break and **Poster Session I**

Session II – Stem Cells and Disease Modeling

Chairs: Catarina Seabra, Ana Marote

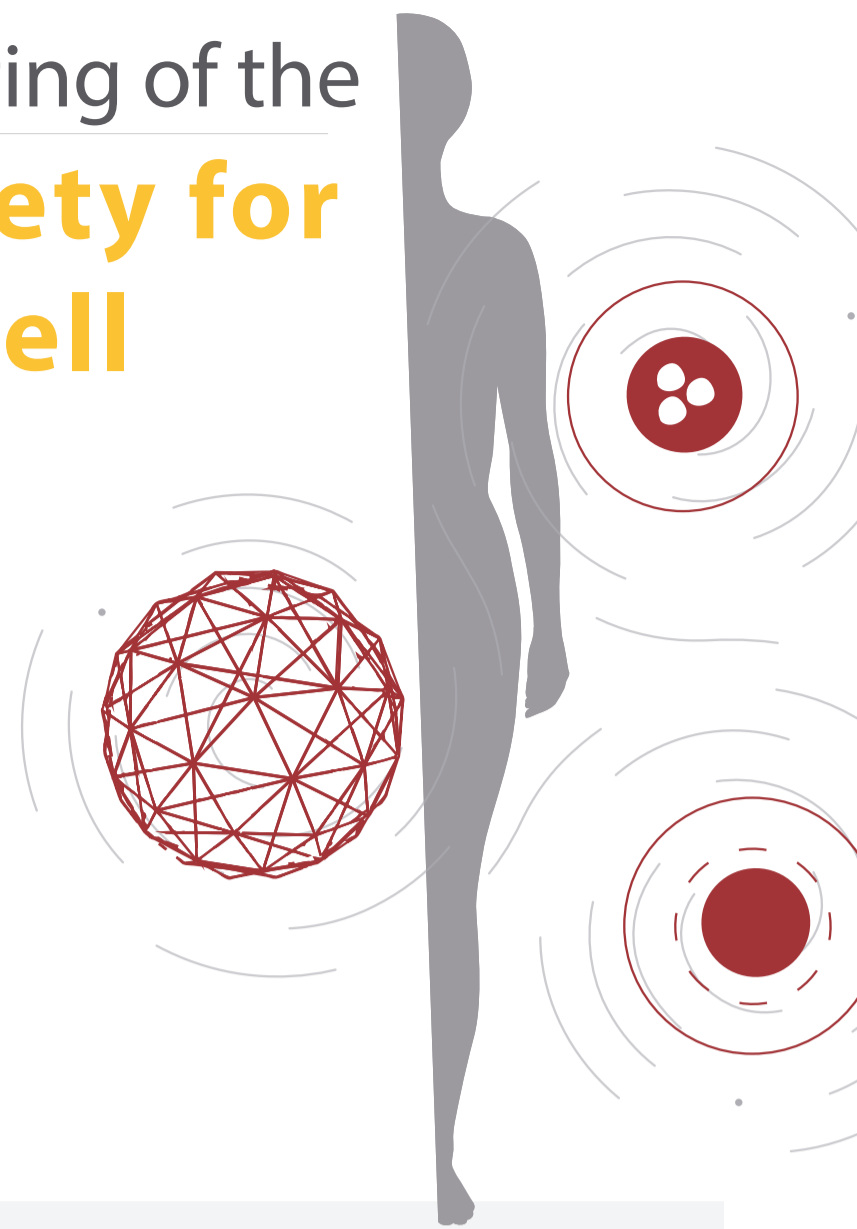
15.30 - 16.00: "Lung Organoids in SARS-COV2", Bart Haagmans - University of Maastricht

16.00 - 16.20: "Modelling the 3D Neuronal Microenvironment in Health and Disease", Catarina Brito - IBET

16.20 - 17.20: Selected oral communications

17.30 - 18.30: General Assembly

20.30: Conference dinner



11th March

Plenary Lecture III Chair: António Salgado

9.00 - 10.00: "Bioengineering Challenges for Stem Cell-based Therapies and Regenerative Medicine", Joaquim Sampaio Cabral, IST

10.00 - 10.30: Coffee Break

Session III – Stem cells and Biomaterials in Regenerative Medicine

Chairs: Paula Alves, Cristina Barrias

10.30 - 11.00: "Bioengineered 3D matrixes, in vitro models, and implants through supramolecular assembly", Alvaro Mata - Nottingham University

11.00 - 11.20: "MicroRNA-based therapeutic approaches for Parkinson's disease", Liliana Bernardino - University of Beira Interior

11.20 - 12.05: Selected oral communications

12.15 - 13.15: **Poster Session II**

13.00 - 13.45: Lunch

Plenary Lecture IV Chair: Lino Ferreira

13.45 - 14.45: "Biomaterials approaches to engineer structures for regenerative medicine using mesenchymal stem cell", João Mano - University of Aveiro

Session IV – Clinical and Biotechnological Translation

Chairs: Ana Fernandes, Nuno Silva

14.45 - 15.15: "Immunogenetics of infection in stem-cell transplantation", Agostinho Carvalho - ICVS

15.15 - 16.00: Selected oral communications

16.00 - 16.15: Coffee Break

Session V – Exosomes

Chair: Hugo Fernandes

16.15 - 16.45: "Engineering Strategies to Boost the Potential of Extracellular Vesicles", Miguel Lino - CIBB

16.45 - 17.05: "Extracellular Vesicle-mediated cell communication in tissue repair/regeneration", Susana Santos - i3S

17.05 - 17.50: Selected oral communications

17.50 - 18.00 – Closing session and award ceremony

