



**– MESENCHYMAL STEM CELLS –  
GENE AND STEM CELL THERAPY APPROACHES FOR CONNECTIVE TISSUE DISORDERS**

Hotel Mercure Antigone, Montpellier, France

15. – 16. November 2007

**Final Programme**

**Thursday, 15. November 2007**

08:15 – 08:30 Welcome by Christian Jorgensen - INSERM, France / Genostem

**I - Stem Cells**

08:30 – 09:15 Laure Coulombel - INSERM, France  
*Stem cell: a single word for multiple entities*

09:15 – 10:00 Massimo Dominici - Università di Modena e Reggio Emilia, Italy  
*Identity of the osteopoietic precursors in pre-clinical models*

**10:00 – 10:30 Coffee Break**

10:30 – 11:15 Aernout Luttun - Katholieke Universiteit Leuven, Belgium  
*Stem Cells as a tool for Vascular Differentiation and Regeneration*

**II - Mesenchymal Stem Cells: General**

11:15 – 11:45 Pierre Charbord – INSERM, FRANCE / Genostem  
*Human bone marrow Mesenchymal Stem cells: old and new markers*

11:45 – 12:15 Thomas Häupl - Genostem  
*Transcriptomics in human MSC differentiation: A comparative study between chondrogenic, osteogenic and adipogenic lineages*

**12:15 – 13:30 Lunch break**

13:30 – 14:00 Louis Casteilla, CNRS, FRANCE / Genostem  
*ADSC and Regenerative Medicine*

14:00 – 14:45 Marc Peschanski, INSERM - I-STEM, France  
*Mesodermal precursors derived from human embryonic stem cells, characterization and exploitation for pathological modelling of monogenic diseases*

14:45 – 15:30 Rocky S. Tuan - National Institute of Health, Bethesda, USA  
*Mesenchymal Stem Cells: Regulation and Differentiation*

**15:30 – 16:00 Coffee Break**

16:00 – 16:45 Katarina Leblanc, Stockholm, Sweden  
*Mesenchymal Stem Cells in immunotherapy*

**16:45 – 19:00 POSTER SESSION**

**20:30 GALA DINNER – “LE SEQUOIA” restaurant**

**Friday, 16. November 2007**

### **III - Mesenchymal Stem Cells: cartilage and immunity**

08:30 – 09:15 Nathalie Rouas-Freiss, Commissariat à l'Energie Atomique, France  
*HLAG and Immune aspects of MSCs*

09:15 – 09:45 Christian Jorgensen/Danièle Noël – INSERM, France / Genostem  
*FOXO1 as a new transcription factor in chondrogenesis*

09:45 – 10:15 Claudia Montero-Menei (INSERM, France) / Genostem  
*Development of Pharmacologically Active Microcarriers for MSC Engineering*  
Jeff Hubbel (EPFL, Switzerland) / Genostem  
*Engineered Fibronectin Fragments for Modulating MSC-Matrix Interaction*

**10:15 – 10:45 Coffee Break**

### **IV - Mesenchymal Stem Cells: bone and tendon**

10:45 – 11:30 Paul Schiller - University of Miami, USA  
*Sustained stromal stem cell self-renewal and osteoblastic differentiation during aging*

11:30 – 12:00 Gerhard Gross - Helmholtz-Zentrum für Infektionsforschung, Germany / Genostem  
*Adult stem cell-dependent pathways to tendon formation*

**12:00 – 13:30 Lunch break**

13:30 – 14:00 Pierre Marie - INSERM, France / Genostem  
*FHL2, a transcriptional cofactor, promotes the differentiation of human mesenchymal stem cells to osteoblasts*

14:00 – 14:30 Paolo Bianco - Università degli Studi di Roma "La Sapienza" / Genostem  
*Fibrous dysplasia - modeling disease and treatment in skeletal stem cell*

14:30 – 15:00 Yuti Chernajovsky - Queen Mary, University of London / Genostem  
*Targeting MSC and novel biologicals to arthritic joints*

**15:00 – 15:30 Coffee Break**

15:30 – 16:15 Carl Gregory - Tulane University Medical School, USA  
*From Culture to Clinic: Promises and challenges in biotherapeutics using Mesenchymal Stem Cells*

16:15 – 17:00 Pr Sita Naik - Sanjay Gandhi Post Graduate Institute of Medical Sciences, India  
*Biotherapies and stem cell research in India: Current status and future prospects*

**17:00 – 19:00 POSTER SESSION**

**19:00 END OF CONFERENCE**

**FREE EVENING**

**Saturday, 17. November 2007**

*Genostem members only meeting: Last General Assembly*