



<http://www.mes-stem-cells.com>

**1st European Conference on Mesenchymal Stem Cells
TOULOUSE, November 18-20, 2010**

Scientific Committee

Louis Casteilla, Fancesco Dazzi, Willem Fibbe, Christian Jorgensen, Mauro Krampera, Katarina LeBlanc, Hubert Schrezenmeier, Luc Sensebé, Karin Tarte

In collaboration with:





Day 1, Thursday, November 18th 2010

8:30 Registration

9:00 Welcome to the 1st European MSC by the Scientific Committee

Session A – General Biology of MSCs

9:20-10:00 **Keynote speaker – Introductory lecture**

Mesenchymal Niche Cells in Haemopoiesis

Scadden D (USA)

10:00-10:30 *Functional Complexity of MSC Populations*

Phinney D (USA)

10:30-11:00 *Native and Cultured MSC*

Charbord P (France)

11:00-11:30 Coffee break and Poster

11:30-12:00 *Origin of MSC during Embryogenesis*

Era T (Japan)

12:00-12:30 *Vessels as a Reservoir of MSC*

Péault B (USA)

12:30-13:15 Luncheon and Poster

13:15-14:00 CaridianBCT Demonstration

Session B – MSC and Immunology

14:15-14:35 *MSC: Immune Tolerance and Tissue Repair*

Dazzi F (UK)

14:35-14:55 *'Licensing' of MSC*

Krampera M (Italy)

14:55-15:15 *Mesenchymal Stromal Cells:
Hierarchical Relations and Immune properties*

Fibbe W (Netherlands)

15:15-15:35 *MSC and T Cell Differentiation*

Jorgensen C (France)

15:35-15:55 *MSC for autoimmune diseases: from mice to men*

Uccelli A (Italy)

16:00-16:30 Coffee break and Poster

16:35-17:50 **Selected Abstracts**

16:35-16:50 *Does Activin A Determine Mesenchymal Stem Cell Multipotency? F. Djouad (Poster 9)*

16:50-17:05 *Mesenchymal stromal cells derived from CD271+ bone marrow mononuclear cells improve the lymphohematopoietic engraftment of CD133+ hematopoietic stem cells. Z. Kuci (Poster 13)*



17:05-17:20 Human Mesenchymal Stem Cells Trigger the Instant Blood Mediated Inflammatory Reaction in ABO-compatible Human Blood. *G. Moll* (**Poster 18**)

17:20-17:35 Multipotent mesenchymal stromal cells express FoxP3: a marker for the immunosuppressive capacity? *L. Lonnie* (**Poster 27**)

17:35-17:50 The source of human mesenchymal stromal (MSC) cells influences their TLR profile as well as their functional properties. *G. Raicevic* (**Poster 32**)

Day 2, Friday, November 19th 2010

Session C – MSC in regenerative medicine 1

9:00-9:30 *Mechanisms underlying limb regeneration in an adult vertebrate*

Keynote speaker: **Brockes JP** (UK)

9:30-9:50 *MSC and Bone Repair*

Dominici M (Italy)

9:50-10:10 *Biomaterials/Cells*

De Boer J (Netherlands)

10:10-10:30 *MSC & Cartilage Repair*

Noel D (France)

10:30-10:50 *3D Culture*

Genever P (UK)

10:50-11:20 Coffee break and Poster

MSC in regenerative medicine 2

11:20-11:40 *ADSC & Cardiovascular Repair*

Planat-Benard V (France)

11:40-12:00 *MSC and Kidney Disorders*

Zander A (Germany)

12:05-13:05 **Selected Abstracts**

12:05-12:20 Efficiency of human bone marrow-derived mesenchymal stem cells to promote epidermal development in an in vitro reconstituted skin. *L. Micallef* (**Poster 17**)

12:20-12:35 Alternative sources of mesenchymal stem cells to cure experimental acute kidney injury. *M. Morigi* (**Poster 42**)

12h35-12h50 Mesenchymal Stem Cells Promote Long Term Survival Of Intracerebral Transplant. *P. Naveilhan* (**Poster 43**)

12h50-13h05 Large-scale production of human mesenchymal stem cells in microcarrier-based suspension bioreactors with defined serum-free medium for their use in clinical applications. *S. Jung* (**Poster 50**)

13:10-14:00 Luncheon and Poster

Session D – Regulatory Affairs and Safety

14:00-14:20 *Clinical Uses of MSCs European Regulations*

Migliaccio G (Italy)

14:20-14:40 *Controls of Cultured MSC*

Sensebé L (France)



14:40-15:00 *MSC Production in Closed Systems*

Schrezenmeier H (Germany)

15:00-16:05 *From Research to Products & Trials: Where do we stand & what do we need?* Round Table

16:05-16:30 Coffee break and Poster

Session E – Ongoing & future clinical trials

16:30-16:45 *Clinical Trials History and Overview*

Keynote speaker: **Le Blanc K** (Sweden)

16:45-17:00 *ADSC/MSC in Cardiovascular Disease*

Bourin P (France)

17:00-17:15 *Therapy and Crohn Disease*

Garcia-Olmo D (Spain)

17:15-17:30 *Cell Therapy for CNS*

Siddharthan Chandran (UK)

17:30-17:45 *MSC for Bone Repair*

Petite H (France)

17:45-18:00 *Lessons from Cartilage Repair*

Brittberg M (Sweden)

Gala Dinner, Cité de l'Espace, Toulouse

Day 3, Saturday, November 20th 2010

Session F – MSC in normal & pathological microenvironment

9:00-9:30 *Organization of Immunological Memory by Bone Marrow Stroma*

Chang HD (Germany)

9:30-9:50 *MSC in Lymphoid Organs*

Cupedo T (Netherlands)

9:50-10:10 *MSC in lymphoid Malignancies*

Tarte K (France)

10:10-10:30 *MSCs within Solid Tumor Microenvironment*

Östman A (Sweden)

10:35-11:00 Coffee break and Poster

11:00-11:45 **Best Selected Abstracts**

11:00-11:15 Human Bone Marrow Pericytic Cells Are More Immature Than Mesenchymal Stem Cells Cultured In Standard Conditions. *A. Bouacida (Poster 7)*

11:15-11:30 Nuclear receptors Nur77 and Nurr1 modulate mesenchymal stromal cell migration. *M. W. Maijenburg (Poster 15)*

11:30-11:45 Notch-3 and notch-4 signaling rescues from apoptosis human b-lineage acute lymphoblastic leukemia cells in



contact with human bone marrow-derived mesenchymal stromal cells. *AH Nwabo Kamdje (Poster 20)*

11:45 **European MSC Prize**

12:00 Concluding Remarks

13:30 General Meeting of European Consortium

AdipoA
Reborne