

ISCT Europe Regional Meeting 2010
September 11 – 14, 2010
 Villa Carlotta, Belgirate, Lago Maggiore, Italy

PROGRAMME per 10 July 2010

FRIDAY, SEPTEMBER 10, 2010	
09.00 - 17.30	JACIE Inspector Training Course Registration via JACIE

SATURDAY, SEPTEMBER 11, 2010	
12.00 - 20.00	Registration
09.00 - 17.30	JACIE Inspector Training Course Registration via JACIE
13.30 - 15.00	GITMO session: <i>Stem cell mobilisation in poor mobilizer patients</i> Chairs: Ineke Slaper-Cortenbach and Alberto Bosi
13.30 - 14.00	Francesco Frassoni (Italy): introduction on the marrow microenvironment
14.00 - 14.30	Tsvee Lapidot (Israel): Stem cell regulation via dynamic interactions of the nervous and immune systems with the microenvironment
14.30 - 15.00	Attilio Olivieri (Italy): Operational criteria for defining the poor mobilizer
15.30 - 16.30	Corporate symposium: Macopharma Ineke Slaper-Cortenbach (The Netherlands): Expansion of Mesenchymal Stromal Cells in a closed system using platelet lysate and CellStacks for clinical application Philippe Bourin (France): title to be announced

17.45 - 19.00	OPENING CEREMONY and KEYNOTE LECTURE
17.45 - 18.00	Welcome Addresses
18.00 - 19.00	Roger Pedersen (UK): Embryonic stem cells and induced pluripotent stem cells
19.00 - 21.00	Welcome Reception and opening of the Exhibition

SUNDAY, SEPTEMBER 12, 2010		
08.00 - 09.00	<p>Technical Breakfast 1: <i>Dendritic cells</i></p> <p>Gunnar Kvalheim (Norway) : Manufacture of dendritic cells for clinical application</p>	<p>Technical Breakfast 2: <i>Cellular therapy and regulatory issues</i></p> <p>Chair: Doris Herrmann</p> <p>Lubomir Arseniev (Germany): How to apply regulations in a processing company</p> <p>Martino Introna (Italy): How to apply regulations inside a public hospital</p>
09.00 - 10.30	<p>PLENARY SESSION 1 co-organised with the EBMT: <i>Hematopoietic stem cells: stem cell mobilisation in normal donors</i></p> <p>Chairs: Christian Chabannon and Alejandro Madrigal</p> <p>09.00 - 09.30 Fawzia Louache (FR): Introduction on biology of stem cell mobilisation</p> <p>09.30 - 10.00 John Di Persio (USA): Experience of agents targeting CXCR4 in the mobilization of stem and progenitor cells in healthy donors</p> <p>10.00 - 10.30 Kristina Hölig (Germany): Follow-up on unrelated donors</p>	
10.30 - 11.00	Coffee Break in Exhibit / Poster Area	
11.00 - 12.30	<p>PLENARY SESSION 2: <i>Mesenchymal stromal cells</i></p> <p>Chair: Massimo Dominici and Ineke Slaper-Cortenbach</p> <p>11.00 - 11.30 Bruno Peault (UK/USA): MSC as stromal cells in multiple tissues</p> <p>11.30 - 12.00 Wolfgang Wagner (Germany): Senescence of MSC</p> <p>12.00 - 12.30 Ed Horwitz (USA): Bone Marrow Cell Therapy for bone: "<i>the right cell for the right job!</i>"</p>	
12.30 - 14.00	Lunch in Exhibit / Poster Area	
13.00 - 14.00	<p>JACIE special session</p> <p>1) The current status of JACIE Accreditation in Europe</p> <p>2) Impact of QMS accreditation on outcome</p>	<p>Corporate Symposium: Thermogenesis The Role of Cell Therapy in Limb Salvage: A multicenter experience treating peripheral artery disease with bone marrow derived mononuclear cells</p> <p>Gilda Cobellis (Italy) Vivekanand Jha (India)</p>

<p>14.00 - 15.30</p>	<p>WORKSHOP 1: Donor selection and evaluation</p> <p>Chair: Christian Chabannon</p> <p>Nicoletta Sacchi (Italy): WMDA recommendations for donor evaluation</p> <p>Sergio Querol (UK): The criteria for CB selection and the consequences for CB management.</p>	<p>WORKSHOP 2: Sources of MSC</p> <p>Chair: Franca Fagioli</p> <p>Andrea Biondi (Italy): GMP-grade preparation of BM- MSC for periodontal disease</p> <p>Giorgio Terenghi (UK): the use of Adipose Stem Cells for peripheral nerve generation</p> <p>Katia Mareschi (Italy): Mesenchymal stem cells from amniotic fluid: differentiative and proliferative potential and immunomodulant properties</p>
<p>15.30 - 16.00</p>	<p>Coffee Break in Exhibit / Poster Area</p>	
<p>16.00 - 17.00</p>	<p>Oral Abstract Presentations 1 (4 x 15')</p> <p>Philipp Renner (Germany): In vivo interactions between mesenchymal stem cells, T cells and immunosuppressive drugs</p> <p>Stefan Scheduling (Germany): ES cell-derived mesenchymal stroma cells are a possible alternative and unlimited cell source for clinical off-the-shelf MSC therapies</p> <p>Chiara Capelli (Italy): Extraordinary yields of clinical grade human Mesenchymal Stromal Cells from umbilical cord matrix expanded in human platelet lysate</p> <p>Valentina Tirelli (Italy): Characterization of human erythroblasts produced in vitro using hema cultures</p>	<p>Oral Abstract Presentations 2 (4 x 15')</p> <p>Thomas Lane (USA): Autologous T-cell mediated adoptive immunotherapy for acute myelogenous leukemia</p> <p>Miguel Forte (France): autologous cellular therapy open label phase I study in Crohn's Disease with type 1 regulatory lymphocytes (CATS 1)</p> <p>Gustav Gaudernack (Norway): T cell responses against multiple Th and CTL epitopes in a patient vaccinated with HTERT-mRNA transfected dendritic cells</p> <p>Klára Mollová (Czech Republic): New generation of cancer vaccines based on IL-12 producing dendritic cells. Phase II clinical trial in patients with glioblastoma multiforme</p>
<p>17.00 - 19.00</p>	<p>Poster viewing in Exhibit / Poster Area</p>	

MONDAY, SEPTEMBER 13, 2010		
08.00 - 09.00	<p>Technical Breakfast 3: <i>NK Expansion for clinical application</i></p> <p>Chair: Harry Dolstra</p> <p>Harry Dolstra (The Netherlands): NK cell expansion from hematopoietic stem cells</p>	<p>Technical Breakfast 4: <i>Isolation of MSC in preclinical models</i></p> <p>Chair: Massimo Dominici</p> <p>Massimo Dominici (Italy): Mouse, rabbit and dog MSC isolation from marrow and adipose tissues</p> <p>Henk Rozemuller (the Netherlands): Goat, pig, sheep and monkey MSC isolation from marrow</p>
09.00 -10.30	<p>PLENARY SESSION 3: Immunotherapy</p> <p>Chair: Jan Willem Gratama and Martino Introna</p> <p>09.00 - 09.30 Hans-Jochem Kolb (Germany): Graft versus Leukemia</p> <p>09.30 - 10.00 Gotz Ulrich Grigoleit (Germany): Adoptive cellular immunotherapy against CMV and aspergillus infections</p> <p>10.00 – 10.30 Shimon Slavin (Israel): Stem cell transplantation in multiple sclerosis</p>	
10.30 - 11.00	Coffee Break in Exhibit / Poster Area	
11.00 - 12.30	<p>PLENARY SESSION 4, co-organized with ESGCT: Gene therapy</p> <p>Chairs: Cor Lamers and Thierry VandenDriessche</p> <p>11.00 – 11.30 Nathalie Cartier-Lacave (France): Gene therapy in X-ALD</p> <p>11.30 – 12.00 Alessandro Aiuti (Italy): Gene therapy for immunodeficiency due to ADA deficiency</p> <p>12.00 – 12.30 Thierry VandenDriessche (Belgium): Transposon gene delivery for gene GT and generation of IPS</p>	
12.30 - 14.00	Lunch in Exhibit / Poster Area	
13.00 – 14.00	Corporate Symposium	<i>ISCT-Europe membership meeting</i>
14.00 - 15.30	<p>WORKSHOP 3: Immunotherapy</p> <p>Chair: Gunnar Kvalheim</p> <p>Martino Introna (Italy): allogeneic CIK (Cytokine Induced Killer) cells for treatment of leukemia relapse</p> <p>Zwi Berneman (Belgium): DC vaccination for leukemia and AIDS</p> <p>Rosa Bacchetta (Italy): Clinical trial on Ag-specific Tr1 cells after haploidentical BMT in hematological cancer patients</p>	<p>WORKSHOP 4: Gene therapy</p> <p><i>Adoptive cellular gene therapy: frailty pros & cons of present available clinical vectors</i></p> <p>Chair: Thierry VandenDriessche</p> <p><i>Frailty:</i></p> <p>Cor Lamers (The Netherlands): immunogenicity Christof Von Kalle (Germany): genotoxicity</p> <p>Pros & cons of present available clinical vectors Nathalie Cartier-Lacave (France) Alessandro Aiuti (Italy) Cor Lamers (The Netherlands)</p>

15.30 - 16.00	Coffee Break in Exhibit / Poster Area	
16.00 - 17.00	<p>Oral Abstract Presentations 3 (4 x 15')</p> <p>Heinz Redl (Austria): Human amniotic membrane: in toto differentiation towards the osteogenic lineage</p> <p>Karolina Turnovcova (Czech Republic) : Induced pluripotent cell-derived neural precursors in the treatment of focal brain ischaemia in rats</p> <p>Elke Eggenhofer (Germany) Exo- and Endogenous Mesenchymal Stem Cells as an innovative cell-based therapy for solid organ transplantation</p> <p>Stefan Scheduling (Sweden) MCAM (CD 146) expression in primary human bone marrow Mesenchymal Progenitor/Stem Cells is regulated by hypoxia and correlates to in-situ location</p>	<p>Oral Abstract Presentations 4 (4 x 15')</p> <p>Henk Rozemuller (The Netherlands): Lentiviral transduction of MPS1 bone marrow cells results in high production of alpha-L-iduronidase in vivo</p> <p>Martin Hoogduijn (The Netherlands): Control of cytotoxicity mediated lysis is important for therapy with mesenchymal stromal cells</p> <p>Alice Pievani (Italy): Feasibility and safety of adoptive immunotherapy with CIK cells after cord blood transplantation</p> <p>Inge Jedema (The Netherlands): The balance at the antigen-presenting cell site determines the likelihood of successful priming and survival of naïve antigen-specific T cells</p>
17.00 – 19.00	Poster viewing in Exhibit / Poster Area	
20:00	Congress Dinner	

TUESDAY , SEPTEMBER 14, 2010

<p>08.00 - 09.00</p>	<p>Technical Breakfast 5: <i>Implementation of ISBT 128 coding and labeling</i> Chair: Ineke Slaper-Cortenbach</p> <p>Lex van der Gouw (The Netherlands): Implementation in the UMC Utrecht</p> <p>Stella Larsson (Sweden): Implementation in the Karolinska Institute</p>	<p>Technical Breakfast 6: Tissue Engineering and Regenerative Medicine <i>Organised by TERMIS-EU</i> Chair: Ivan Martin</p> <p>Heinz Redl (Austria): Injectable vs preformed matrices as support for local cell therapy</p>
<p>09.00 - 10.30</p>	<p>PLENARY SESSION 5: <i>New emerging therapies</i> Chair: Luc Sensebé and Torsten Tonn</p> <p>Stephanie Dimmeler (Germany): Role of micro-RNA in cardiovascular disease and clinical trials</p> <p>Graziella Pellegrini (Italy): Limbal stem cells</p> <p>François Feron (France): Human olfactory nasal stem cells: a new subtype of mesenchymal stem cells and a promising tool for repairing the central nervous system</p>	
<p>10.30 - 11.00</p>	<p>Coffee Break in Exhibit / Poster Area</p>	
<p>11.00 - 12.30</p>	<p>WORKSHOP 5: <i>Advanced Therapy Medicinal Products</i> Chair: Ineke Slaper-Cortenbach</p> <p>Lucia D'Apote (EMA, United Kingdom): Tools to overcome regulatory barriers for commercialisation of ATMPs</p> <p>Giovanni Migliaccio (Italy): The role of the national authorities and hospital exemption</p> <p>Ralf Sanzenbacher (Germany): FAQs and Answers: Quality and Preclinical Requirements for Approval of Cell-based Products</p>	<p>WORKSHOP 6: Co-organised with TERMIS-EU <i>3D organisation of cells for advanced grafts</i> Chair: Francesco Lanza</p> <p>Ranieri Cancedda (Italy): Mesenchymal stem cell therapy for bone repair</p> <p>Ivan Martin (Switzerland): Challenges for the manufacturing and clinical use of 3D cellular grafts</p> <p>Luc Sensebé (France): Safety issues of MSC for clinical application</p>
<p>12.30 - 13.30</p>	<p>Lunch in Exhibit / Poster Area</p>	
<p>13.30 - 15.00</p>	<p>PLENARY SESSION 6: <i>Prenatal tissues: Cord Blood, placenta and umbilical cord</i> Chair: Lorenza Lazzari and Franca Fagioli</p> <p>13.30 - 14.00 Vanderson Rocha (France): Cord blood transplantation: state of the art</p> <p>14.00 - 14.30 Susan Watt (UK): Umbilical cord blood derived endothelial progenitor cells and vascular applications</p> <p>14.30 - 15.00 Ornella Parolini (Italy): Placenta-derived stem cells as a possible tool for regenerative medicine</p>	
<p>15.00</p>	<p>CLOSING</p>	