



WORLD CORD BLOOD CONGRESS

Marseille, France –

November 4-7, 2010

President: Eliane Gluckman (Paris)

Scientific Committee: W. Arcese (Rome), H.E. Broxmeyer (Indianapolis), J. Kurtzberg (Durham), F. Locatelli (Rome), A. Madrigal (London), V. Rocha (Paris), G. Sanz (Valencia), E.J. Shpall (Houston), S. Takahashi (Tokyo), J. Wagner (Minneapolis)
Local organiser: C. Chabannon (Marseille)

PROGRAMME

Thursday, November 4, 2010

12:00 Registration Opens

SESSION I: STEM CELLS FROM CORD BLOOD AND PLACENTA –

Chair: C. Chabannon

14:00-14:30	Cord blood stem cell biology and means to enhance hematopoietic stem cell function for more efficient engrafting capability	H.E. Broxmeyer (Indianapolis)
14:30-15:00	iPS from cord blood	J. C. Ispizua-Belmonte (San Diego)
15:00-15:30	Production of USSC from cord blood and possible clinical developments	G. Koehler (Dusseldorf)
15:30-16:00	The role of Notch in haematopoiesis basic biology and clinical implications	I. Bernstein (Seattle)
16:00-16:20	Notch induced ex vivo expansion of hematopoietic stem/progenitor cells clinical applications updates	C. Delaney (Seattle)
16:20-16:45	<i>Coffee break</i>	

SESSION II: NON HEMATOPOIETIC STEM CELLS FROM CORD BLOOD AND PLACENTA -

Chair: H. E. Broxmeyer

16.45-17.10	The role of INF γ for neurological differentiation from HUCB	A. Nagler (Tel Hashomer)
17:10-17:35	Endothelial cells isolation from cord blood for treatment of vascular diseases	G. Uzan (Paris)
17:35-18:00	Cord blood endothelial progenitors: perspectives for cell therapy of cardiovascular disorders	F. Dignat –George (Marseille)
18:00-18:25	Placental perfusion experiments: what is it? What else?	F. Forestier (Paris)
18.25-18.45	Hematopoietic and muscular potential of amniotic fluid derived stem cells	I Andre-Schmutz (Paris)

19.00-20.00 Opening ceremony and
Welcome Cocktail

Friday, November 5, 2010

SESSION II CLINICAL APPLICATIONS IN NON HEMATOPOIETIC DISEASES –

Chair: E. J. Shpall

08:30-09:00	Status of a clinical trial of autologous cord blood cells for the treatment of cerebral palsy and other acquired brain injuries	J. Kurtzberg (Durham)
09:00-09:30	Application of stem cells in the treatment of epidermolysis bullosa	J. Wagner (Minneapolis)
09:30-10:00	Cell therapy of burns	J. J. Lataillade (Clamart)
10:00-10:30	Coffee break	

SESSION III: GRAFT FACILITATION –

Chair: W. Arcese

10.30-11.00	Stem cell regulation by bFGF, kit ligand and myeloid cells	T. Lapidot (Rehovot)
11.00-11.30	PGE for graft facilitation	L. Pelus (Indianapolis)
11.30-12.00	Enhanced engraftment with cord blood expansion and fucolysation	E. J. Shpall (Houston)
12:00-12:30	Intrabone infusion of cord blood cells	F. Frassoni (Genoa)
12:30-13:00	Use of third party cells to facilitate engraftment	M. N. Fernandez (Madrid)
13:00-14:00	Lunch and Poster Viewing	

SESSION III: GRAFT FACILITATION

Chair: J. Kurtzberg

14:00-14:30	Results of double cord blood transplant	V. Rocha (Paris)
14:30-15:00	Mechanism of graft facilitation with double cord transplant	J. Wagner (Minneapolis)
15:00-15.30	Should the number of collected CD34+ cells be considered major criteria for UCB unit choice in adults?	G. Sanz (Valencia)
15.30-16.00	Role of HLA in cord blood transplant	E. Petersdorf (Seattle)
16:00-16:30	Coffee break	

SESSION IV: IMMUNOLOGICAL PROPERTIES OF CORD BLOOD –

Chair: F. Locatelli

16:30-17:00	Potential immunotherapeutic properties of cord blood	A. Madrigal (London)
17:00-17:30	Virus and tumour specific cord blood T cells	C. Bollard (Houston)
17:30-18-00	Use of cord blood cells for anti tumour and anti infectious immunotherapy	F. Falkenburg (Leiden)
18:00-18:20	Comparison between MSC derived from bone marrow and cord blood	M. E. Bernardo (Rome)

Saturday, November 6, 2010

SESSION V: CLINICAL RESULTS I-

Chair: G. Michel

09:00-09:30	Comparison of haploidentical and cord blood in children with immune deficiencies	M. Cavazzana-Calvo (Paris)
09:30-10:00	Impact of stem cell source for transplant in adults with leukemia	M. Eapen (Milwaukee)
10:00-10:25	Comparison of cord blood transplants with other sources of cells in Hurler disease	J. Boelens (Utrecht)
10:25-10:45	<i>Coffee break</i>	
10:45-11:10	Conditioning for cord blood transplant	E. Gluckman (Paris)
11:10-11:35	Reduced intensity conditioning French results	B. Rio (Paris)
11:35-12:00	Cord blood transplant in patients with AML in remission	W. Arcese (Rome)
12:00-12:25	Single cord blood transplantation followed by myeloablative regimen for adults – Recent progress in Japan.	S. Takahashi (Tokyo)
12:30-14:00	<i>Lunch and poster viewing</i>	

CLINICAL RESULTS II

Chair: V. Rocha

14:00-14:20	Incidence and risk factors for secondary autoimmune diseases after CBT	D. Farge (Paris)
14:20-14:40	Results of cord blood transplant in children with malignancies	G. Michel (Marseille)
14:40-15:00	Results of cord blood transplant in children with acute lymphoid leukemia	A. L. Ruggeri (Paris)
15:00-15:20	Incidence and risk factors of chronic GVH after unrelated cord blood transplant in adults and children	A. Crotta (Milan)
15:20-15.40	Discussion	
15:40-16:00	<i>Coffee break</i>	

SESSION VI: RELATED CORD BLOOD TRANSPLANTS-

Chair: G. Sanz

16:00-16:30	Related cord blood transplant in hemoglobinopathies	F. Locatelli (Rome)
16:30-17:00	Gene therapy for hemoglobinopathies	P. Leboulch (Paris)
17:00-17:30	Directed cord blood banking	E. Gluckman (Paris)
17:30-18:30	Presentation of selected abstracts	

Sunday, November 7, 2010

SESSION VII: REGULATORY ORGANISATIONAL ETHICAL ASPECTS –

Chair: E. Baudoux

08:30-08:50	Netcord organisation	E. Baudoux (Liège)
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08:50-09:15	Optimising cord blood inventories	S. Querol (Barcelona)
09:15- 9:40	Advanced medicinal products and cord blood banking	C. Chabannon (Marseille)
9.40-10.00	Predictivity of Cord Blood Units Quality Assessments on Unrelated Cord Blood Transplant outcome	A. Picardi (Rome)
10:00-10:30	<i>Coffee break</i>	
10:30-10.50	Implication of licensure on international exchange of cord blood units	M. Boo (Minneapolis)
10.50-11.10	FACT Netcord and WMDA accreditation	C. Navarrette (London)
11.10-11.40	Socio economic aspects	P. Rebullà (Milan)
11.40-12.10	Eurocord registry	V. Rocha (Paris)
12.10-12.40	CIBMTR Registry	M. Horowitz (Milwaukee)
12:40-13:10	Ethical aspects	P. Le Coz (Marseille)
13:15	<i>Closure of the meeting</i>	