



# ITERA

Internat. Tissue Engineering Research Association  
Programme: ITERA 2nd Workshop



23<sup>rd</sup> of October, 2006

## Autologous Stem cells, perspectives, features and future of Regenerative Medicine

### Clinical Approaches

Chairmen: Imhof M. , Strasser H., Ebbesen P., Ramon A.

08.30 – 09.00	Registration
09.00 – 9.15	Welcome <b>Introduction Tissue Engineering, Regenerative Medicine</b> Ramon A. President ITERA – Life-Sciences Forum University Hospital of Antwerp, Belgium Research & Therapeutic Centre Aachen (ARTZ), Germany
09.15 – 09.45	<b>European Research in Regenerative Medicine</b> Gwennaël Joliff-Botrell, Principal Scientific Administrator Assistant to the Health Research Director European Commission, Brussels
09.45 – 10.30	State of the art Lecture <b>Autologous versus allogeneic stem cell transplantation: engraftment studies using nanoparticles.</b> Marc Ramael - University of Hasselt, Belgium
10.30 – 11.00	<b>Diabetic foot: therapeutical perspectives with autologous stem cells.</b> Kristien Van Acker St. Jozef Ziekenhuis Bornem, Belgium
11.00 -11.15	Coffee break
11.15 – 11.45	<b>Transurethral ultrasound guided application of autologous myo- and fibroblasts in treatment of incontinence</b> Hannes Strasser University Hospital of Innsbruck, Austria
11.45 – 12.30	<b>Umbilical stem cells for autologous use - Facts and fictions, an overview of possibilities.</b> Martin Imhof - University Hospital of Vienna, Austria
12.30 – 14.00	Lunch



# ITERA

Internat. Tissue Engineering Research Association  
Programme: ITERA 2nd Workshop



23<sup>rd</sup> of October 2006

## Liver - Heart

### Clinical Approaches

Chairmen: Muraca M., Gehling U., Michielsen P., Ysebaert D., Pirenne J.

14.00 – 14.45	State of the art Lecture <b>Stemcells for the treatment of inherited Hepatic metabolic disorders.</b> Maurizio Muraca – University Hospital of Rome, Italy IRCCS Ospedale Bambino Gesù
14.45 – 15.15	<b>Mobilization of unique populations of hematopoietic progenitor cells in response to clinical situations associated with liver regeneration.</b> Ursula Gehling – University of Hamburg , Germany
15.15 – 15.45	<b>NASH and liver regeneration.</b> Sven Francque – University Hospital of Antwerp, Belgium
15.45 – 16.00	Coffee break
16.00 – 16.30	<b>Engraftment of mesenchymal stem cells after in-utero transplantation into immunocompetent mice.</b> Carolyn Troeger – University of Basel, Switzerland
16.30 – 17.00	<b>Pathological assessment of stem cell therapy in acute and chronic myocardial ischemia</b> Max Buja – University of Texas, U.S.A
17.00 – 17.30	<b>Meet the experts, moderated by</b> Peter Ebbesen Stemcell Institute of Aalborg, Denmark Eric Mehuys, Life – Sciences Group , Europe Hannes Strasser – Univ. Hospital Innsbruck, Austria Martin Imhof, Univ. Hospital of Vienna, Austria Andreas Zisch, Univ. of Zürich, Switzerland
19.30	Dinner



# ITERA

Internat. Tissue Engineering Research Association  
Programme: ITERA 2nd Workshop



24<sup>th</sup> of October, 2006



# ITERA

Internat. Tissue Engineering Research Association  
Programme: ITERA 2nd Workshop



24<sup>th</sup> of October 2006

## Research and Development (R & D)

## Research and Development ( R & D)

**Chairmen: Ebbesen P., Ponsaerts P., Spitkovsky D., Zisch A.**

**Chairmen: Ebbesen P., Ponsaerts P., Spitkovsky D., Zisch A**

09.00 – 09.15	Registration 2 <sup>nd</sup> day
09.15 – 10.00	<b>State of the art Lecture Regenerative Medicine in Aalborg, GMP facilities, first results and plans.</b> Peter Ebbesen – Stemcell Institute of Aalborg, Denmark
10.00 – 10.30	<b>Non-hematopoietic stem/progenitor cells from human cord-blood-account of a Zürich experience.</b> Andreas Zisch – University of Zürich, Switzerland
10.30 – 11.00	<b>Bone-Marrow-derived stromal cells as vehicles for neurotrophic factors.</b> Peter Ponsaerts – Experimental Haematology University of Antwerp, Belgium
11.00 – 11.15	<b>Coffee Break</b>
11.15 – 11.45	<b>Biological limitations in regenerative medicine relevant properties of autologous adult stem cells.</b> Dimitry Spitkovsky – University of Cologne, Germany
11.45 – 12.15	<b>The Rapid <i>In Vitro</i> To <i>In Situ</i> Transition of a Mesenchymal Progenitor Cell Line for Studying Bone Development.</b> Alan Chan – Percuros, Leiden – The Netherlands
12.15 – 12.45	<b>Therapeutic stem cell approaches for Multiple Sclerosis</b> Niels Hellings – University of Hasselt, Belgium
12.45 – 14.15	<b>Lunch</b>

14.15 – 14.45	<b>Dendritic Cells - DC – based immunotherapy of cancer</b> Viggo van Tendeloo Laboratory of experimental Haematology University of Antwerp, Belgium
14.45 – 15.15	<b>Ex vivo expansion of red blood cells.</b> Andrea Kolbus – University of Vienna, Austria
15.15 – 15.30	<b>Coffee Break</b>
15.30 – 16.00	<b>Pamchip Technology</b> Rinnie van Beuningen – Pamgene, The Netherlands
16.00 – 16.30	<b>New approaches for high selective Cryopreservation.</b> Detlef Müller – Schulte, Albert Ramon R.I.D.I.S Innovation – Aachen – Germany
16.30 – 17.00	<b>Conclusions / Questions</b> Panel: Imhof M. – Zisch A. – Spitkovsky D. – Ebbesen P. – Ponsaerts P. – Van Tendeloo V. – Muraca M.
19.30	<b>Candle-light dinner</b>