



2nd **BALTIC STEM CELL MEETING** **PROGRAM**

FRIDAY 31st May 2013

CONCERTO I, II & III

16:00-17:00	<i>REGISTRATION OF SPEAKERS AND PARTICIPANTS</i>
17:10-19:00	<i>OPENING CEREMONY AND PLENARY LECTURES</i>
17:20-17:40	<i>Genetically Determined Osteopetroses: Models to Study Development of Bone Marrow</i> prof. Wiesław Jędrzejczak <i>Alexander Maximov's Lecture</i>
17:40-18:00	<i>Marrow Hematopoietic Stem Cells: a Continuum of Change</i> prof. Peter Quesenberry
18:00-18:20	<i>Coffee break</i>
18:20-18:40	<i>Not all Hematopoietic Stem Cells are the Created Equal: Mammal versus Salamander Hematopoiesis</i> prof. Edward Scott <i>Rudolf Virchow's Lecture</i>
18:40-19:00	<i>Very Small Embryonic-Like Stem Cells from the Murine Bone Marrow Differentiate into Lung Epithelial Cells</i> prof. Diane Krause
19:00-19:20	<i>Trying to Understand the Cell Dynamics of the Liver and its Diseases</i> prof. Malcolm Alison

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SATURDAY 1st June 2013

CONCERTO I & II

08:15-08:30	Coffee break	10:30-10:50	<i>The hypoxia-sensing pathway is a critical regulator of hematopoietic stem cell quiescence, resistance trafficking</i> prof. Jean-Pierre Levesque
Session:	STEM CELLS IN REGENERATIVE MEDICINE - ETHICAL ISSUES & COMMERCIALIZATION	10:50-11:10	<i>Autologous hematopoietic stem cell mobilization in patients with multiple myeloma and lymphoma: consensus document on behalf of the EBMT investigators</i> dr Grzegorz Basak
Chairmen:	prof. Andrzej Dąbrowski, prof. Wiesław Jędrzejczak, prof. Robin Smith	11:10-11:30	<i>Anti-SDF-1 Spiegelmer NOX-A12 mobilizes hematopoietic stem cells and leukemia cells allowing for their chemosensitization</i> prof. Axel Vater
08:30-08:50	<i>Moral framework of scientific research</i> rev. Tomasz Trafny	11:30-11:50	Coffee break
08:50-09:10	<i>From the bench to the clinic: considerations in cell therapy development</i> prof. Robin Smith	Session:	AGING
09:10-09:30	<i>Pharmacological mobilization of CXCR4+ bone marrow cells in acute MI - from bench to the clinics</i> dr Kai C. Wollert	Chairmen:	prof. Andrzej Bartke, prof. Zbigniew Darzynkiewicz, prof. Herbert Tilg
09:30-09:50	<i>Diving to the bottom of the iceberg - in search for stem cell related biomarkers in Crohn's disease</i> dr Wojciech Marlicz	11:50-12:10	<i>Stem cells for regenerative medicine in aging and cancer</i> prof. Dipnarine Maharaj
Session:	STEM CELL HOMING & MOBILIZATION	12:10-12:30	<i>Impact of growth hormone (GH) deficiency and GH resistance on aging and life span</i> prof. Andrzej Bartke
Chairmen:	prof. Tsvee Lapidot, prof. Jean-Pierre Levesque, prof. Louis Pelus	12:30-12:50	<i>Cytometric assessment of DNA damage-and mTOR- signaling, the factors contributing to aging and senescence</i> prof. Zbigniew Darzynkiewicz
09:50-10:10	<i>Regulation of Stem Cell migration and development by the cytokines PGE2, FGF-2 and APC</i> prof. Tsvee Lapidot	12:50-13:10	<i>Aging - when VSELs meet IGF-1</i> dr Magdalena Kucia
10:10-10:30	<i>Non-steroidal anti-inflammatory drugs (NSAIDs) define novel roles for Prostaglandin E2 (PGE2) in the hematopoietic niche and a method to collect hematopoietic stem and progenitor cells (HSPC) with improved function</i> prof. Louis Pelus	13:10-14:20	Coffee break

2nd BALTIC STEM CELL MEETING

SUNDAY 2nd June 2013

CONCERTO I

CONCERTO II

08:45-09:00	<i>Coffee break</i>	08:45-09:00	<i>Coffee break</i>
Session:	STEM CELL TRANSPLANTATION IN CLINICAL PRACTISE		
09:00-09:20	<i>Bone marrow transplantation in Crohn's disease - what it is and what it does</i> prof. Christopher Hawkey <i>Burrill Crohn's Lecture</i>		
Session:	VSELS - AN UPDATE	Session:	STEM CELLS IN NEUROLOGY & PSYCHIATRY
Chairmen:	prof. Deepa Bhartiya, prof. Donald Miller	Chairmen:	prof. Leszek Kaczmarek, prof. Jerzy Samochowicz
09:20-09:40	<i>Generation of skeletal structures by human very small embryonic-like (VSEL) cells</i> prof. Denis Rodgerson	09:20-09:40	<i>Novel markers for the prospective isolation of neural stem cells from the adult murine hippocampus</i> prof. Tara Walker
09:40-10:00	<i>VSELS in adult mammalian gonads</i> prof. Deepa Bhartiya	09:40-10:00	<i>Advancing spinal muscular atrophy interventions using stem cell research</i> prof. Graham Parker
10:00-10:20	<i>Molecular signature of murine and human Oct4+ very small embryonic-like stem cells (VSELS)</i> prof. Dong-Muyng Shin	10:00-10:20	<i>Markers in schizophrenia: what do they tell us?</i> prof. Jerzy Samochowicz
10:20-10:40	<i>Repairing the infarcted myocardium by transplantation of very small embryonic-like stem cells</i> prof. Yu-Zhen Tan	10:20-10:40	<i>Bradykinin functions in neurogenesis: from induction of neurogenesis towards preclinical models of Parkinson's disease</i> prof. Henning Ulrich
10:40-11:00	<i>Effects of vascular dysfunction on circulating endothelial progenitor cells and VSEL stem cells in type 1 diabetes</i> prof. Marcin Moniuszko	10:40-10:55	<i>The responses of rare stem/progenitor cell populations to the central nervous system injury</i> Dr Małgorzata Zawadzka
11:00-11:30	<i>Coffee break</i>	10:55-11:10	<i>The role of new neurons in the adult brain</i> Dr Robert K. Filipkowski
		10:10-11:30	<i>Coffee break</i>

2nd BALTIC STEM CELL MEETING

SUNDAY 2nd June 2013

CONCERTO I

CONCERTO II

Session:	<i>HEMATOPOIESIS</i>	Session:	<i>PROCEEDINGS IN STEM CELLS RESEARCH</i>
Chairmen:	prof. Peter Quesenberry, prof. Leslie Silberstein	Chairmen:	prof. Jerzy Kawiak, prof. Teresa Starzyńska
11:30-11:50	<i>Specific Interactions of replicated genomic regulatory sequences</i> prof. Donald Miller	11:30-11:50	<i>New applications of known materials for cell preparations for regenerative medicine</i> prof. Aleksander Sieroń
11:50-12:10	<i>Quantitative imaging of hematopoietic stem and progenitor cell localization and hypoxic status in the bone marrow microenvironment</i> prof. Leslie Silberstein	11:50-12:10	<i>Stem cells and malignancy of digestive tract</i> prof. Teresa Starzyńska
12:10-12:30	<i>Current challenges in HSCT; Accessibility to older patients and adequate availability of haematopoietic cells for transplantation</i> prof. Jerzy Hołowiecki	12:10-12:30	<i>Stem cells in sepsis: do they play a role?</i> prof. Jerzy Kawiak
12:30-12:50	<i>Cytoprotective effect of autophagy on survival of endothelial progenitor cells under hypoxia condition</i> prof. Haijie Wang	12:30-12:50	<i>Stem cells for skin regeneration - clinical application</i> dr hab. Justyna Drukała
12:50-13:10	prof. Christian Schmidt	12:50-13:10	<i>CD34 positive stem cells in the treatment of sport injures - single center experience in 200 patients</i> dr Marek Krochmalski

CONCERTO I & II

13:10	CLOSING CEREMONY
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