


# 2010 Annual Regenerative Medicine Symposium

Registration is REQUIRED for this symposium.

PRELIMINARY AGENDA

## Tuesday April 13, 2010

1:30pm	<b>Registration Opens</b>
2:00pm – 2:10pm	Presentation Guidelines – J. MacIver, Teaching Assistant
2:10pm – 2:25pm	Amanda Ali - 'Identifying Hedgehog Signaling Target Genes in Osteoarthritis'
2:25pm – 2:40pm	Tatiana Cypel - 'In Vitro Assessment of Osteoblast Behavior in Craniosynostosis'
2:40pm – 2:55pm	Wafa Altahli - The Biological Behavioral Effects of Osteopintin on EPCs
2:55pm – 3:10pm	Yaroslavna Nosikova - 'Tissue Engineering & Characterization of the interface between intervertebral disc and vertebral bone'
3:10pm – 3:25pm	Ema Cicurel - 'Synthetic Scaffolds for Modular Tissue Engineering Applications'
3:25pm - 3:40pm	Bredon Crawford – 'Engineering decellularized matrix to support cBOECs'
	<b>INTERMISSION</b>
3:45pm – 5:00pm	Presentation & Networking Workshop: How to Overcome Anxiety and Deliver in the Moment  INSTITUTE for HEALTH and HUMAN POTENTIAL
5:00pm – 5:45pm	Workshop Dinner (For workshop participants)
5:45pm - 6:45pm	Workshop Breakout Sessions

## Wednesday April 14, 2010

7:30am	<b>Registration opens</b>
8:00am – 8:05am	INTRODUCTION: Dr. Michael Ratcliffe
8:05am – 9:05am	KEYNOTE LECTURE – Dr. M. Bhatia, McMaster University <b>PROMISE OF HUMAN STEM CELLS</b>
9:05am – 9:15am	<b>COFFEE BREAK</b>
9:15am – 9:25am	Presentation guidelines – J. MacIver, Teaching Assistant
9:25am – 9:40am	Darren Yuen - 'Bone Marrow Derived Cells Attenuate Renal And Cardiac Injury In A Model Of Progressive Chronic Kidney Disease Via A Novel Antifibrotic Mechanism'
9:40am – 9:55am	Alexandra Velchinskaya - 'Sonic hedgehog signalling pathway modulation in angiogenic effect of poly (methacrylic acid-co-methyl methacrylate) beads '
9:55am -10:05am	Mansoreh Nazari - 'Mast cells induce bone marrow mesenchymal cells-fibroblast transition following myocardial infarction'
10:05am–10:20am	Anton Mihic - 'Cyclic stretch induces maturation of human embryonic stem cell-derived cardiomyocytes'
10:20am–10:35am	Angela McDonald - 'Elucidating the role of SOX17 and HNF4a over-expression in human embryonic stem cells'

10:35am–10:50am	Aaron Cheung - 'Induced Pluripotent Stem Cells from a Rett Syndrome Patient'
10:50am–11:05am	Natalie Farra - 'Induction of Pluripotent Stem Cells from <i>Mecp2<sup>308</sup></i> Mice to Model Rett Syndrome'
11:05am–11:20am	Ryan Salewski - 'Investigation of the use of non-viral induced pluripotent stem cell-derived neural stem cells as a regenerative strategy for spinal cord myelination'
11:20am – 11:35am	Ugljesa Djuric - 'Chromatin structure reorganization is a biomarker of successful somatic cell reprogramming'
11:35am – 11:50am	Wenjun Xu - 'Characterization of a novel, LIF-responsive primitive neural stem cell in the adult mammalian brain'
11:50am – 12:05pm	Mani Moniri - 'Inhibition of CD95 anti-FAS antibody induced apoptosis of cultured INS-1 cells by recombinant mouse B7-H4 adenovirus (AdB7-H4) transfection'
12:05pm – 1:00pm	<b>LUNCH</b>
1:00pm – 1:15pm	Siba Haykal - 'Determining the Structural Integrity of Decellularized Tracheal Allografts'
1:15pm – 1:30pm	Lavinia Coltan - Paracrine activity of mesenchymal stem cells prevents murine asthma
1:30pm – 1:45pm	Peter Urbanellis - 'Rapamycin-induced allograft tolerance: Elucidating mechanisms and biomarker discovery'
1:45pm – 2:00pm	Anastassia Mihkilova - 'Characterization of a Novel Tolerogenic Dendritic Cell Population'
2:00pm – 2:15pm	Nathan Ho - 'Defining mechanisms by which Escherichia coli O157:H7 subverts Interferon-g mediated host epithelial cell activation'
2:15pm – 2:30pm	Jennifer Tsang - 'The Role of ILIP-1 in Regulating Neutrophil Survival'
2:30pm – 2:45pm	Chelsea Nimmo - '3-Dimensional Patterning of Hydrogels for Tissue Engineering of the Retina'
2:45pm – 3:00pm	Shaalee Dworski - 'SKP-SC For Chronic Spinal Cord Injury Repair'
3:00pm – 3:15pm	Sarah Figley - 'Examining the therapeutic potential of a VEGF- A gene therapy when administered in a delayed fashion following spinal cord injury'
3:15pm – 3:30pm	Arif Jetha - 'Gene expression analysis of isolated and cultured human islets: Implications for transplantation'
3:30pm – 3:45pm	Telford Yeung - 'A Possible Role of Mesenchymal Stem Cells in Islet Transplantation'
3:45pm – 4:00pm	Sahar Jahaverian - ' <i>In Vitro</i> Generation of Gene Expression Gradients for Applications in Tissue Engineering'
4:00pm – 4:15pm	Alexandre Theocharides - 'CD47-Sirpa interaction modulates homing and engraftment of human acute myeloid leukemia stem cells in mice'
4:15pm – 4:30pm	Mo Fateen - 'The Role of Colony Stimulating Factor 1 Receptor in Acute Myeloid Leukemia'
4:30pm – 4:45pm	Francois Mercier - 'The interaction between hematopoietic stem cells and the bone marrow extracellular matrix'
4:45pm - 5:00pm	Mingyu She - The Commercialization of Regenerative Medicine Technology
5:00pm	<b>CLOSING – Dr. Gary Levy</b>