

DAY ONE - Wednesday April 6, 2011

7:15am – 8:00am	Registration - outside Astellas Conference Room 11C-1135
8:00am – 9:00am	Welcome: Dr. Heather Ross Introduction: Dr. Lianne Singer Keynote Lecture – Dr. Connie Eaves, University of British Columbia Stem Cells - Not So Pure or Simple Afterall
9:10am – 9:15am	Presentation Guidelines – Sarah Gilpin, Teaching Assistant
9:20am – 9:35am	Fibrinogen-like protein-2 (FGL2) is a critical regulator of immune responses within the liver in lymphocytic choriomeningitis virus (LCMV) infection Ramzi Khattar (Supervisor: Dr. Gary Levy)
9:40am – 9:55am	Identifying molecular pathways regulating skeletal muscle satellite stem cell homeostasis Yu Xin (Will) Wang (Supervisor: Dr. Michael Rudnicki)
10:00am–10:15am	Development of a multiplexed serum assay to monitor response to therapy, and predict relapse of acute myeloid leukemia Mohsen Ghahremanlou (Supervisor: Dr. Mark Minden)
10:20am–10:35am	BREAK – Sponsored by Stem Cell Network
10:40am -10:55am	Understanding the molecular mechanisms that control the development of tumor dendritic cells Michael Tang (Supervisor: Dr. Mark Catral)
11:00am–11:15am	Pathogenesis and management of adenosine deaminase deficiency Rupreet Dhanju (Supervisor: Dr. Eyal Grunebaum)
11:20am–11:35am	The superficial zone chondrocytes regulate mineralization in the deep zone of articular cartilage by influencing soluble factors produced by superficial zone chondrocytes Sadat Bromand (Supervisor: Dr. Rita Kandel)
11:40am–11:55am	Patterning human embryonic stem cell-derived cardiomyocytes in a high-throughput combinatorial screen to discover protein therapeutics for myocardial infarction Petra Luecker (Supervisor: Drs. Alison McGuigan & Peter Zandstra)
12:00pm - 1:00pm	LUNCH
1:05pm – 1:20pm	Economics of membrane occupancy and respiration Kai Hua Zhuang (Supervisor: Dr. Radhakrishnan Mahadevan)
1:25pm – 1:40pm	Endogenous signaling controls embryonic stem cell differentiation Curtis Woodford (Supervisor: Dr. Peter Zandstra)
1:45pm – 2:00pm	The fibrogenic potentials of mesenchymal stem cells Nilesh Talele (Supervisor: Dr. Boris Hinz)
2:05pm – 2:20pm	Uterine-derived Vegfr2+ cell grafts positively affect post myocardial infarction phenotype in hysterectomized rats Kota Hatta (Supervisor: Dr. Ren Ke Li)
2:25pm – 2:40pm	Chromatin remodeling in cardiac hypertrophy: Demonstrating the role of MEF2D in fetal cardiac gene program reactivation. Tarunpreet Dhaliwal (Supervisor: Dr. Jeff Dilworth)
2:45pm – 3:00pm	BREAK – Sponsored by Stem Cell Network
3:05pm – 3:20pm	Fixing fractures faster: Cell-based gene therapy in orthopaedics Erica Giles (Supervisor: Dr. Emil Schemitsch)
3:25pm – 3:40pm	The role of Mindin in Cardiovascular Remodeling following Myocardial Infarction Model in Mice: Role of Innate Immunity and Angiogenesis Mark Moon (Supervisor: Dr. Peter Liu)
3:45pm – 4:00pm	Expression profiling and identification of miRNAs involved in regulation of Fibroadipogenic progenitors (FAPs). Blasco Rizzuto (Supervisor: Dr. Fabio Rossi)
4:00pm – 6:00pm	Translational Science Lecture - Dr. Shaf Keshavjee, Career Mixer (for Students, Industry and Faculty)

DAY TWO - Thursday April 7, 2011

7:15am – 8:00am	Registration - outside Astellas Conference Room 11C-1135
8:00am – 9:00am	Opening Remarks & Introduction – Dr. Gary Levy Keynote Lecture – Dr. Peter Zandstra Engineering Solutions for Regenerative Medicine
9:10am – 9:15am	Presentation Guidelines – Sarah Gilpin, Teaching Assistant
9:20am – 9:35am	Everolimus induces HLA-G expression in human coronary artery smooth muscle cells: impact on cardiac allograft vasculopathy Amelia Mociornita (Supervisor: Dr. Vivek Rao)
9:40am – 9:55am	Acyclic nucleoside phosphonates (ANPs) as potential therapeutic agents for AML Haytham Khoury (Supervisor: Dr. Mark D. Minden)
10:00am – 10:15am	Fibro of the fibre - the critical role of fibro-adipogenic progenitors in muscle regeneration and myopathic fibrosis Regan-Heng Zhang (Supervisor: Dr. Fabio Rossi)
10:20am – 10:35am	BREAK – Sponsored by Stem Cell Network
10:40am – 10:55am	Role of micromas in the regulation of endothelial progenitor cell activity John Behbahani (Supervisor: Dr. Duncan Stewart)
11:00am -11:15am	VEGF-conjugated alginate microspheres for controlled angiogenic response Jonathan Rodness (Supervisor: Dr. Ren-Ke Li)
11:20am–11:35am	Development and validation of pre-clinical model of radiation impaired fracture healing Katarina Janic (Supervisor: Dr. Marc D. Grynepas)
11:40am–11:55am	Wound healing potential of human neonatal mesenchymal cells in an animal model of hyperglycemia May Al Fouadi (Supervisor: Dr. J. E. Davies)
12:00pm – 1:00pm	LUNCH
1:05pm – 1:20pm	Local delivery of Cyclosporin A to the injured spinal cord for stimulation of endogenous tissue repair Matthew Caicco (Supervisor: Dr. Molly Shoichet)
1:25pm – 1:40pm	Osteoblastic differentiation of human Mscs: The potential for limb regeneration Simon Kelley (Supervisor: Dr. Ben Alman)
1:45pm – 2:00pm	Generation of planar cell polarity (PCP) in vitro for epithelium tissue-engineering Ana Cristina Paz Mejia (Supervisor: Dr. Alison McGuigan)
2:05pm – 2:20pm	Controlled delivery of chondroitinase ABC to the injured spinal cord Malgosia Pakulska (Supervisor: Dr. Molly Shoichet)
2:25pm – 2:40pm	Long non-coding RNA in endothelial cell gene expression Jeffrey Man (Supervisor: Dr. Philip Marsden)
2:45pm – 3:00pm	BREAK – Sponsored By Stem Cell Network
3:05pm – 3:20pm	Generation of IPS-Like/IPP cells from distinct epithelial populations and their contribution to lung injuries Lily Guo (Supervisor: Dr. Thomas Waddell)
3:25pm – 3:40pm	Engineering organized tracheal epithelium by modulating physical forces John Soleas (Supervisor: Drs. Thomas Waddell & Alison McGuigan)
3:45pm – 4:00pm	Closing Remarks - Drs. Gary Levy & Heather Ross

Best Presentation Award for the Best Symposium Presentation!
Presented during the Networking Dinner for Students

Ask a question for a Starbucks Gift Card!
To be drawn at the end of the symposium