

Tuesday April 11th, 2017
MaRS Auditorium
(101 College Street)

7:45am – 8:00am	ARRIVAL & BREAKFAST	
8:00am	Welcoming Remarks & Keynote Introduction – Dr. Gary Levy, Professor of Medicine, University of Toronto	
8:00am – 9:15am	How to See Regenerative Medicine: Ally or Competitor? Dr. Giuseppe Orlando, Wake Forest School of Medicine, North Carolina	
9:15am – 9:30am	BREAK	
9:30am – 9:35am	Presentation Guidelines & Grader Introduction - Anna Badner (Teaching Assistant)	
GRADING PANEL: Dr. Stephen Juvet, Dr. Giuseppe Orlando, Anna Badner		
Time	Presentation Title and Student	Supervisor
9:35am – 9:50am	Marcos Galasso – Masters Student, University of Toronto Evaluating the Effect of <i>Ex Vivo</i> Lung Perfusion (EVLV) in Lungs from Hepatitis C Donors	Marcelo Cypel
9:50am – 10:05am	Olivia Goltsis - Masters Student, University of Toronto Optimization of the Human Lung 3D Organoid System to Model Surfactant Protein B Deficiency	Martin Post
10:05am – 10:20am	Aaron Wong - Masters Student, University of Toronto Cell Type Specific Biomarkers for Ischemia Reperfusion Induced Injury in Lung Transplantation	Mingyao Liu
10:20am – 10:35am	Aadil Ali - Masters Student, University of Toronto Long-term Normothermic <i>Ex Vivo</i> Lung perfusion using an Artificial Oxygen Carrier	Marcelo Cypel
10:35am – 10:50am	Laura Bahlmann - Masters Student, University of Toronto Engineering a 3D Lymphoma Culture System for Predictive Drug Screening	Molly Shoichet
10:50am – 11:05am	Laura McKiel – Masters Student, Queens University Damage-Associated Molecular Patterns in the Adsorbed Protein Layer on Biomaterial Surfaces	Lindsay Fitzpatrick
GRADING PANEL: Dr. Phyllis Billia, Dr. Mitesh Badiwala, Anna Badner		
11:10am – 11:25am	Breanna Borys - Masters Student, University of Calgary Development of a Stirred Suspension Micro Bioreactor to be Used for Cell Culture Scale-Up and Parallel Testing	Michael Kallos
11:25am – 11:40am	Xiaoqing Zhang – PhD Student, University of Toronto Generating Favourable Growth Factor and Protease Release Profiles for Extracellular Matrix Accumulation <i>In Vitro</i>	Paul Santerre
11:40am – 11:55am	Adam McInnes – Masters Student, University of Saskatchewan Development of a Novel Composite Hydrogel for Use in Vascular Patterned Scaffolds	Daniel X.B. Chen
11:55am – 12:55pm	LUNCH	
12:55pm – 1:10pm	Peter Feige - PhD Student, University of Ottawa Molecular Regulation of Brown Adipogenic Lineage Specification from Muscle Stem Cells	Michael Rudnicki
1:10pm – 1:25pm	Nathaniel Holwell – Masters Student, Queens University Biomimetic, Stem Cell Enhanced Scaffold for Anterior Cruciate Ligament Replacement	Brian Amsden
1:25pm – 1:40pm	Rick Lu – PhD Student, University of Toronto An Engineered Platform for Assessing Environmental Toxicants	Milica Radisic
1:40pm – 1:55pm	Alexander Wyma - Masters Student, University of Calgary A Constitutive Relation of Non-Newtonian Viscosity for Bioreactor Modeling	Michael S. Kallos
2:00pm	Closing Remarks – Dr. Gary Levy, Professor of Medicine, University of Toronto	

10th ANNUAL REGENERATIVE MEDICINE SYMPOSIUM

Wednesday April 12th, 2017

Astellas Conference Room 11PMB190 - Toronto General Hospital
(585 University Avenue, Munk 11th floor)

7:45am – 8:00am	ARRIVAL & BREAKFAST	
8:00am	Welcoming Remarks & Keynote Introduction – Dr. Atul Humar, Director, Multi Organ Transplant Program, UHN	
8:00am – 9:00am	Engineering Development Dr. Peter Zandstra, University of Toronto	
9:00am – 9:15am	BREAK	
9:15am – 9:20am	Presentation Guidelines & Grader Introduction, Anna Badner (Teaching Assistant)	
GRADING PANEL: Dr. Mamatha Bhat, Dr. Jussi Tikkanen, Anna Badner		
Time	Presentation Title and Student	Supervisor
9:30am – 9:45am	Cristobal Lopez Jimenez - PhD Student, University of Guelph Clinical Grade Stem Cell-Derived Osteochondral Constructs with Calcified Interzone and Mechanocompetent Hyaline Cartilage	Thomas Koch
9:45am – 10:00am	Christopher Kim - PhD Student, University of Toronto The Development of Locally Acting Biologics to Treat Osteoarthritis	Andras Nagy
10:00am – 10:15am	Hilary Gortler - Masters Student, University of Toronto The Effect of Bone Marrow-Derived Progenitor Cell Therapy to Improve Fracture Healing in a Diabetic Rat Critical Size Defect Model	Aaron Nauth
10:15am – 10:30am	Olivia Lee - PhD Student, University of Guelph The Association of MicroRNAs With Mesenchymal Stromal Cells' (MSCs) Immunomodulatory Potency	Thomas Koch
10:30am – 10:45am	Tanya A. Barretto - Masters Student, University of Toronto Blood Brain Barrier Integrity After Moderate Traumatic Brain Injury is Improved with Human Umbilical Cord Perivascular Cell Therapy	Andrew Baker
10:45am – 11:00am	Daniel Derkach - Masters Student, University of Toronto Effects of Metformin on Neural Precursors in a Model of Juvenile Cranial Irradiation	Cindi Morshead
GRADING PANEL: Dr. Ana Konvalinka, Dr. Andrzej Chruscinski, Anna Badner		
11:10am – 11:25am	Mitchell Caprelli - Masters Student, University of Toronto Characterizing Tau Hyperphosphorylation Following Traumatic Spinal Cord Injury: Histological Marker of Axonal Injury	Charles Tator
11:25am – 11:40am	Jonathan Chio - PhD Student, University of Toronto Administration of High Dose Intravenous Human Immunoglobulin G Has Superior Anti-Inflammatory Action than Low Dose for Traumatic Cervical Spinal Cord Injury	Michael Fehlings
11:40am – 12:40pm	LUNCH	
12:40pm – 12:55pm	Alejandra Lagos – Masters Student, University of Toronto Transcriptional Dysregulation during Hematopoietic Differentiation in an Induced Pluripotent Stem Cell Disease Model of Shwachman Diamond Syndrome.	Yigal Dror
12:55pm -1:10pm	Sara Mirali - PhD Student, University of Toronto Characterization of Mitochondrial Proteases in Acute Myeloid Leukemia	Aaron Schimmer
1:10pm – 1:25pm	Michael Atkins - PhD Student, University of Toronto Modeling Human Embryonic Hematopoietic Development with Pluripotent Stem Cells	Gordon Keller
1:25pm – 1:40pm	Tonya Bongolan - Masters Student, University of Toronto Kidney Regeneration Using Induced Pluripotent Stem Cells and Extracellular Matrix Scaffolds	Ian Rogers
1:40pm – 1:55pm	Kyle Stokes - PhD Student, University of Windsor The Circadian Clock Gene <i>BMAL1</i> Coordinates Intestinal Regeneration	Phillip Karpowicz
2:00pm	Closing Remarks - Dr. Michael McDonald, MOT Education Director , UHN	