



		DEG.7	8:30 A.M. TO 2:00 P.M. EST
OPENI	NG REM	ARKS	
08:30	08:40	Welcome remarks	Ted Sargent — Vice-President, Research and Innovation, and Strategic Initiatives, and University Professor, Edward S. Rogers Sr. Department of Electrical and Computer Engineering, University of Toronto (U of T)
08:40	08:50	Opening remarks	Michael Sefton — Executive Director, Medicine by Design, and University Professor, Department of Chemical Engineering & Applied Chemistry and Institute of Biomedical Engineering, U of T
		ssons Learned in Translation r F. Khan – Assistant Professor, Institute of L	Biomedical Engineering, U of T
08:50	09:25	Creating and implementing convergence based technologies	Robert Langer — David H. Koch Institute Professor, Department of Chemical Engineering, Massachusetts Institute of Technology
09:25	10:00	Process development for cell & gene therapies: Building on academic foundations	Kim Warren — Co-Founder and past Chief Manufacturing and Technology Officer, AVROBIO
10:00	10:20	BREAK	
		e Age of Inflammation hanie Protze – Scientist, McEwen Stem Cell	Institute, University Health Network (UHN)
10:20	10:50	Killer clones: Clonal hematopoiesis and age-associated disease	Kenneth Walsh — Lockhart B. McGuire Professor, Department of Internal Medicine, University of Virginia
10:50	11:10	Linking stemness control of human HSC with inflammatory heart disease	John Dick — Senior Scientist, Princess Margaret Cancer Centre, UHN
11:10	11:15	Utilizing embryonic-derived macrophages to improve cardiac repair	Sarah Dick — Post-Doctoral Fellow, Toronto General Hospital Research Institute, UHN
11:15	11:25	BREAK	
11:25	11:45	The tissue micro-environment as regulator of monocyte/macrophage abundance and function in arterial health and disease	Clinton Robbins — Senior Scientist, Toronto General Hospital Research Institute, UHN
11:45	12:05	Lungs by design	Dr. Shaf Keshavjee — Surgeon-in-Chief & Senior Scientist, Toronto General Hospital Research Institute, UHN
11:45 12:05	12:05 12:15		





10:30 A.M. TO 2:30 P.M. EST

		and Questions in Regenerative Medici ael Sefton – Executive Director, Medicine b	
10:30	10:35	Introduction	Michael Sefton — Executive Director, Medicine by Design, U of T
10:35	11:20	National Academy of Medicine: Charting the future of healthy longevity	Dr. Victor Dzau — President, United States National Academy of Medicine of the United States National Academy of Sciences
		omaterials to Renew Tissues ney Gilbert – Associate Professor, Institute o	of Biomedical Engineering, U of T
11:20	11:50	Recombinant biomaterials for treatment of spinal cord injury	Sarah Heilshorn — Associate Professor, Department of Materials Science and Engineering, Stanford University
11:50	12:10	Restoring vision: Endogenous repair through exogenous cell transplantation	Molly Shoichet — University Professor, Department of Chemical Engineering & Applied Chemistry and Institute of Biomedical Engineering, U of T
12:10	12:15	Transplanted photoreceptors deliver intracellular proteins and mitochondria to the host retina through nanotubes	Arturo Ortin Martinez — Post-Doctoral Fellow, Krembil Research Institute, UHN
12:15	1:00	LUNCH BREAK	
		munoengineering to Induce Toleranc Kate Lee – Assistant Professor, Departmen	
1:00	1:30	Engineering regulatory T cells	Megan Levings — Professor, Department of Surgery and School of Biomedical Engineering, University of British Columbia
1:30	1:50	Better tolerance through a convergence of immuno-regulatory cells	Juan Carlos Zúñiga-Pflücker — Senior Scientist, Sunnybrook Health Sciences Centre, and Chair, Department of Immunology, U of T
1:50	1:55	Using hESC to model pancreatic patterning and specification	Emily McGaugh — PhD Candidate, Department of Physiology, U of T
1:55	2:15	Making cell therapy safe from global source	Andras Nagy — Senior Investigator, Lunenfeld-Tanenbaum Research Institute, Sinai Health System
2:15	2:30	CLOSING REMARKS & POSTER AWARDS	Michael Sefton — Executive Director, Medicine by Design, U of T

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