TED ROGERS CENTRE FOR HEART RESEARCH

Education Fund Award Recipients – 2024

Trainee	Project	Supervisor(s)	Institution(s)	Collaborator(s)
Post-Doctoral Fellowship (4)				
Christopher Yu*	A Multi-Centre Non-Inferiority Randomized Controlled Trial of STOPping Cardiac MEDications in Patients with Normalized Cancer Therapy Related Cardiac Dysfunction – The STOP-MED CTRCD Trial	Paaladinesh Thavendiranathan	UHN	Raymond Kim, Husam Abdel-Qadir, Eitan Amir, Kate Hanneman, Steve Fan, Coleen Power
Amin Motamed Ektesabi	miRNA-based therapeutics for infection-associated left ventricular dysfunction	Claudia Dos Santos	UofT	Howard Leong-Poi, Kim Connelly, Phyllis Billia
Cristine Reitz	Investigating the role of key membrane-shaping proteins in the formation and maturation of the cardiomyocyte sarco(endo)plasmic reticulum	Anthony Gramolini	UofT	Michael Laflamme, Chris Yip
Aleksandra Mitina	Integrative multiomic analysis of tandem repeat expansions in congenital heart disease	Ryan Yuen	SickKids, UofT	Erwin Oechslin, Seema Mital
PhD (10)				
Ting Xiong	Medly Caretown: Building an Equitable Family-Centered Digital Health Intervention to Support Patient-Caregiver Dyads Living with Heart Failure	Quynh Pham	UHN	Lindsay Jibb, Jill Cameron
Coulter Montague	Enhancing the Force Generation of Human Pluripotent Stem Cell-Derived Cardiomyocytes Using Genome Engineering	Michael Alan Laflamme	UHN	Craig Simmons, Sara Vasconcelos, Christoph Haller, Kumaraswamy Nanthakumar, Michael Garton
Crizza Ching*	Endothelial-derived extracellular vesicles: a new paradigm in cancer therapy-related cardiac dysfunction	Jason Fish	UHN	Seema Mital, Milica Radisic, Dinesh Thavendiranathan, Elana Aikawa
Doris Adao*	Investigating the role of miR-9-5p in hypercontractility using a human induced pluripotent stem cell cardiomyocyte model of hypertrophic cardiomyopathy	Phyllis Billia	UHN	Craig Simmons
Luxcia Kugathasan	Cardioprotective responses to SGLT2 inhibition in patients at high cardiovascular risk	David Cherney	UHN, UofT	Vikas Sridhar, Bruce Perkins, Yuliya Lytvyn, Julie Lovshin
Kate MacQuarrie*	Endothelization and perfusion of a tubular D-PHI/PCNU vascular construct using patient-derived HAMVECs supported by VSMCs and monocytes	Paul Santerre	UofT	Stefan Hofer, Anthony Gramolini, Michelle Bendeck, Craig Simmons, Mark Friedberg, Heyu Ni
Megh Rathod*	Development of Accurate and Equitable Wearable Non-Invasive Optical Devices for Continuous Hemodynamic Monitoring	Daniel Franklin	UofT	Daniel Franklin, Heather Ross
Mimi Deng	Evaluating the impact of extended warm ischemic time using ex-vivo heart perfusion in juvenile porcine models of circulatory death	Osami Honjo	SickKids	Osami Honjo, Phyllis Billia

* applicant received renewal of Education Fund award

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Karem Abdul-Samad	Novel Approaches to Enhancing the EHMRG for Mortality Risk Prediction in Acute Heart Failure	Douglas S. Lee	UHN	Husam Abdel-Qadir, Chris McIntosh
Zhiyue Zhu*	Fabrication and preclinical testing of engineered heart valve tissue	Craig Simmons	UofT	Jason Maynes, Matteo Ponzoni

* applicant received renewal of Education Fund award