TED ROGERS CENTRE
FOR HEART RESEARCH

TRCHR Education Fund Award Recipients - 2015

Student	Project	Supervisor(s)	Institution(s)	Collaborator(s)
2015				
Post Doctoral Fellowship				
Yousef Shafieyan	Benchmarking of a novel device for cardiomyoctye-based high-throughput screening of cardiovascular drugs	Boris Hinz	UofT	Christopher Caldarone, SickKids Jason Maynes, SickKids
Azad Eshghi	Development of fluid shear force screening technologies for identification of small molecule inhibitors of bacterial attachment to cardiac valve endothelia	Tara Moriarty; Craig Simmons	UofT; IBBME/UofT	Andrew Simor, SHSC
Pedro Marques	Determinants of inflammation in atherosclerosis, a major cause of heart failure	Sergio Grinstein	SickKids	Myron Cybulsky, UHN
Uros Kuzmanov	Phosphoproteomics-based elucidation of disturbed signaling pathways in myocardial tissues from patients with end-stage cardiomyopathy	Anthony Gramolini	UofT	Phyllis Billia, UHN Peter Backx, UHN Andrew Emili, UofT
Keith Dadson	Control of cardiac growth and energy metabolism by Mule	Phyllis Billia; Vivek Rao	UHN	Anthony Gramolini, UofT
PhD				
Jun Liu	Automated gap junction function measurement and high-throughput drug screen to identify therapies for arrhythmogenic cardiomyopathies	Yu Sun; Robert Hamilton	UofT; SickKids	--
Natalie Galant	Developing targeted monoclonal antibody therapies to detect and reverse cardiac amyloidoses	Avijit Chakrabartty	UHN	Christopher Yip IBBME/UofT
Michael Sugiyama	LDL transcytosis in the initiation of atherosclerosis: Identifying the mechanisms that link sex and LDL levels to disease progression	Warren Lee	SMH/UofT	Myron Cybulsky, UHN; David Hwang, UHN; Gang Zheng, UHN; SickKids Imaging Facility

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2015				
Masters				
Shin-Haw Lee	Reep5 is essential for formation, maintenance, and function of the endoplasmic reticulum in cardiac muscle	Anthony Gramolini	UofT	Ian Scott, SickKids
Jillian Macklin	*In vivo* ontogeny based targeting of monocyte-derived macrophages and prevention of ischemic cardiac injury	Slava Epelman	UHN	Milica Radisic, UofT SickKids Biobank
Undergraduate/Summer				
Colin White-Dzuro	Proteomics analysis of the overexpression of PMCA4b pre- and post-Heart Failure	Mansoor Husain	UHN	Anthony Gramolini, UofT
Ioana Stochitoiu	The effects of pregnancy on maternal cardiac structure and function and materno-fetal hemodynamics in women with pre-existing heart disease as assessed by cardiac magnetic resonance imaging	Mike Seed; Rachel Wald	SickKids; UHN	--
TRCHR Scholar				
Sina Hadipour-Lakmehsari	Role of Receptor Expression Enhancing Protein 5 (Reep5) in cardiomyocyte response to ER stress and heart failure	Anthony Gramolini	UofT	Ian Scott, SickKids
Alexandra Lucato	Preventing congestive heart failure with first trimester HUCPVC treatment after MI	Clifford Librach	UofT	Ren-Ke Li, UHN