

## CCTN/CHFS RESEARCH AWARD COMPETITION FINALIST HISTORY

- 2023 Tina Marvasti (Toronto, ON) - 1<sup>st</sup> Place**  
Heart Failure Impairs Bone Marrow Hematopoietic Stem Cell Function and Responses to Injury
- Ismail Raslan (Toronto, ON) - 2<sup>nd</sup> Place**  
External validation of AI Primary Graft Dysfunction Prediction Calculator
- Yasuyuki Kobayashi (London, ON) - Finalist**  
Impact of Hemoglobin Level in Ex Vivo Heart Perfusion on Donation After Circulatory Death Hearts: A Juvenile Porcine Experimental Model
- Urna Kansakar (New York, NY) - Finalist**  
Functional Role of Inositol 1,4,5-Triphosphate Receptors (IP3RS) in the Regulation of Cardiac Myofibroblasts
- 2022 Francois Brouillette (Montréal, QC)**  
Severity of left ventricular dysfunction in patients with tachyarrhythmia-induced cardiomyopathy: Impacts on remodeling after atrial flutter ablation.
- Shubham Soni (Edmonton, AB)**  
Ketone ester therapy reduces cardiac inflammation and cardiac dysfunction in sepsis.
- Istok Menkovic (Montréal, QC)**  
Pharmacist-led titration clinic for HFREF medication: results from its' first 2 years of existence.
- Rodrigo Carrasco (Toronto, ON)**  
Effect of Tafamidis on global longitudinal strain using a correction method in transthyretin cardiac amyloidosis.
- 2021 Yuchen Dai (Ottawa, ON)**  
Accelerated Tracer Washout in Regions of Sympathetic Denervation in Heart Failure Patients with Ischemic Cardiomyopathy Using Flubrobenguane Positron Emission Tomography Imaging
- Ryan Sless (Toronto, ON)**  
Pulmonary to Systemic Pulsatile and Resistive Vascular Responses to Exercise in Patients With Pulmonary Hypertension Secondary to Left Heart Disease (HFPEF)
- Kaitlin McGrath (Calgary, AB)**  
Ambulatory Pulmonary Artery Pressure Monitoring Reduces Costs and Improves Outcomes in Symptomatic Heart Failure: A Single-Center Canadian Experience
- Vikram Gurtu (Toronto, ON)**

Mild Pulmonary Hypertension in Advanced Heart Failure Patients is Associated with Both Abnormal Resistive and Pulsatile Load and Lower 3-Year Survival

**2020 Ida Derish (Montreal, QC)**

Angiogenic Effect of Amniotic Mesenchymal Stem Cell Spheroid-Derived Secretome as a Cell-Free Therapy in Cardiac Repair

**Hassan Mir (Toronto, ON)**

Impact of Appropriate Echocardiography Use on Utilization of Cardiac Services and Outcomes in Patients with Heart Failure or Coronary Artery Disease: A Retrospective Cohort Study of the Echo Wisely Randomized Controlled Trial

**Sanaz Hatami (Edmonton, AB)**

Inflammation, Oxidative Stress and Functional Decline of the Heart During Ex Situ Heart Perfusion: Are Leukocytes the Ultimate Villains?

**Natasha Aleksova (Toronto, ON)**

The Effect of Antiplatelet Therapy on Cardiac Allograft Vasculopathy and Survival Following Heart Transplantation: A Systematic Review and Meta-Analysis

**2019 Cvetan Trpkov (Calgary, AB)**

Doppler Ultrasound Assessment of Intra-Renal Venous Flow in Patients with Acute Decompensate Heart Failure: A Potential Acute Cardiorenal Syndrome Biomarker

**Roberto Ribeiro (Toronto, ON)**

Ex SITU Heart Perfusion Improves Preservation of Endothelial Function in Both DBD and DCD Hearts

**Mitchell Adamson (Toronto, ON)**

HLA-G 14BP Polymorphism Donor/Recipient Matching Protects Against Development of Post-Transplant Malignancy Following Heart Transplantation

**Zahra Azizi (Toronto, ON)**

Impact of Evidence-Based EMR Point-Of-Care Alerts in Guiding Medical Therapy in Patients with Congestive Heart Failure

**2018 Keith Dadson (Toronto, ON)**

*Statins Mediate Recovery from Chemotherapy-Induced Cardiotoxicity*

**Natasha Aleksova (Toronto, ON)**

*Antiplatelet Therapy and Platelet Reactivity After Heart Transplantation*

**Roberto Vanin Pinto Ribeiro (Toronto, ON)**

*Is Cold Storage Possible in Hearts Donated After Circulatory Death? A Pre-Clinical Study*

**Nariman Sepehrvand (Edmonton, AB)**

*High Versus Low Spo2 Oxygen Therapy in Patients with Acute Heart Failure: Hilo-HF Pilot Trial*

**2017 Lior Bibas (Montreal, QC)**

*Sarcopenia and Mortality After Heart Transplantation*

**Sean Kang (Calgary, AB)**

*Direct Effects of Empagliflozin on Extracellular Matrix Remodeling in Human Cardiac Fibroblasts:  
Novel Translational Clues to Empa-Reg Outcome*

**Georges Makhoul (Montreal, QC)**

*Human Amniotic Stromal Cells Encapsulated in a Chitosan/Hyaluronic Acid Based Platform  
Proliferate and Increase Cardiac Function in a Rat Myocardial Infarction Model*

**Steve Wright (Ajax, ON)**

*Invasive Exercise Hemodynamics of Patients Supported by a Long-Term Continuous-Flow Left  
Ventricular Assist Device*