

## Current Research by Focus

Study	Lead investigator	Focus
Understanding compassion fatigue & burnout in organ donation coordinators in Canada	Dr. S. Dhanani	Donation
Donation Advisor: Feasibility of implementing a personalized clinical decision support tool for improved efficiency and effectiveness of organ donation and transplantation	Dr. A. Seely	Donation
Precision medicine approach to ex vivo perfusion of hearts	Dr. F. Billia	Heart transplant
Primary graft dysfunction international consortium	Drs. Chih & Ross	Heart Transplant
Biomechanics of the thoracic aorta: A study in normal aortas, aneurysms and dissections	Dr. J. Chung	Heart transplant
In situ investigation of human islet & exocrine function & disease	Dr. H. Gaisano	Islets
Human donor islets for research purposes	IsletCore Canada	Islets transplant
Normothermic ex-vivo perfusion of human pancreases for graft assessment, treatment & islet cell isolation: A safety & feasibility study	Dr T. Reichman	Islets transplant
Human kidneys as a source of ex vivo organ transplant: Protection & repair	Dr. A. Sener	Kidney transplant
Defining & targeting autoimmune liver disease	Dr. S. MacParland	Liver transplant
Liver cell isolation project	Dr. I. McGilvray	Liver transplant
Evaluating & refining priority policies for liver transplant allocation: Balancing outcomes of patients with & without hepatocellular carcinoma	Dr. G. Sapisochin	Liver transplant
Analysis of transplant outcomes of split liver vs. living donor vs. whole liver grafts in adult recipients	Dr. M. Selzner	Liver transplant
Does gender of the donor impact on outcomes of orthotopic liver transplantation in adults?	Dr. M. Selzner	Liver transplant
Use of elderly (Age ≥ 70 years) allografts in liver transplantation: Is age just a number?	Dr. M. Selzner	Liver transplant
Ex-vivo liver perfusion: Assessment & repair	Dr. M. Selzner	Liver transplant
Sentinel flaps for the assessment of acute rejection following lung transplantation	Dr. S. Haykal	Lung transplant
Toronto lung transplant bio-banking project	Dr. S. Keshavjee	Lung transplant
Long-term outcomes of sensitized lung transplant recipients after peri-operative desensitization	Dr. M. Aversa	Lung transplant
Frailty and sarcopenia in organ transplantation	Dr. L. Singer	Transplantation

## Recently Completed Research by Focus

Study	Lead investigator	Focus
Death prediction & physiology after removal of therapy & recipient graft outcomes	Dr. S. Dhanani	Donation
The effect of deceased donor interventions on organ recipient outcomes in Ontario	Dr. K. Honarmand	Donation
Impact of the opiate crisis on solid organ donation in Canada	Dr. S. Keenan	Donation
Comparative analysis between the organ donation processes in Sao Paolo, Brazil and Ontario using a social network analysis approach	V. Silva, PhD	Donation
30 year clinical outcomes summary of TGH heart transplant program	Dr. M. Badiwala	Heart transplant
Utilization and transplantation of marginal liver grafts	Dr. G. Sapisochin	Liver Transplant
Acute lung allograft rejection: Measurement of t cell immune synapses	Dr S. Juvet	Lung transplant
Control of bleeding, resuscitation, arterial occlusion device first in human study	Dr. A. Power	Transplantation