

## **Michael Kutryk, MD**

### **Biography**

Dr. Kutryk received his MSc, PhD and MD degrees from the Faculty of Medicine at the University of Manitoba. He completed Specialty Certification in Internal Medicine and Subspecialty Training in Cardiology at the Royal Victoria Hospital and McGill University in Montreal, Canada. Dr. Kutryk's training in cardiology was followed by a four-year post-doctoral research and clinical training program in Interventional Cardiology at Erasmus University and University Hospital Rotterdam - Dijkzigt. Dr. Kutryk is currently an Associate Professor and Clinician Scientist at the University of Toronto, Adjunct Professor in the Faculty of Engineering and Architectural Science at Ryerson University and Director of Interventional Cardiology Research at St. Michael's Hospital in Toronto, Canada. He leads a basic research lab at the Li Ka Shing Knowledge Institute dedicated to translating basic science findings to clinical application. Dr. Kutryk's areas of expertise include endothelial progenitor cell biology, gene therapy for vascular diseases, cell based gene therapy strategies, angiogenesis, and miRNA signaling in health and disease. His lab has been very successful in taking promising new treatment strategies from concept through preclinical assessment, through to major, multicenter clinical trials. Recently, his research has focused on tissue engineered vascular grafts and cardiac valves and epigenetic regulation of genes related to Hereditary Hemorrhagic Telangiectasia, a disease of dysregulated angiogenesis.