

## **TRCHR and Medicine by Design New Ideas Grant Opportunities 2015/2016**

### **1. Background**

#### **Ted Rogers Centre for Heart Research**

Enabled by an unprecedented gift from The Rogers Foundation, the Ted Rogers Centre for Heart Research (**TRCHR**) was jointly conceived by its three partner organizations, namely Hospital for Sick Children (**SickKids**), University Health Network (**UHN**) and University of Toronto (**UofT**). The TRCHR represents a transformational investment in basic science-, translational- and clinical-research, innovation, and education in regenerative medicine, genomics, and clinical care of paediatric and adult heart disease, with the over-arching goal of addressing **heart failure across the entire lifespan**. For more information see <http://tedrogersresearch.ca/> and the video of the gift announcement at <https://www.youtube.com/watch?v=XUEStGzsbDE>

In this inaugural TRCHR **New Ideas** grant competition, the TRCHR Innovation Fund will provide seed grants of up to \$100,000/year (renewable for 1 additional year) to support innovative research projects directly aligned with the Mission of the TRCHR. Eligible projects must represent bonafide collaboration with at least two of the three partner institutions (SickKids, UHN, UofT) and may encompass the full spectrum of biomedical research, from basic science discovery, clinical interventions to health services or population health research. Selection of successful applications will be heavily weighted to those with the potential to transform our understanding or approach to heart failure. Relevant applications in human genome analysis and heart disease may be considered for joint funding with the **UofT McLaughlin Centre** (<http://www.mclaughlin.utoronto.ca/>). Relevant applications in regenerative medicine related to the heart may be considered for joint funding with the UofT Medicine by Design initiative.

#### **Medicine by Design**

The mandate of Medicine by Design (MbD) is to undertake transformative research and clinical translation in regenerative medicine and cell therapy, enhance capabilities in synthetic biology and computational biology, and foster translation, commercialization and clinical impacts. MbD was jointly conceived by Hospital for Sick Children (SickKids), University Health Network (UHN), Mount Sinai Hospital and the Faculties of Medicine, Pharmacy, Applied Science and Engineering, and Arts and Science at the University of Toronto (UofT), and enabled by an unprecedented grant from the Canada First Research Excellence Fund (CFREF). For more information see <http://news.utoronto.ca/understanding-medicine-design>

The MbD **New Ideas Fund** will help support early stage, higher risk research ideas that have strong potential to lead to translational breakthrough findings and lead to strategic research initiatives within MbD. For clarity, MbD New Ideas awards are not restricted to cardiovascular research.

### **2. Application Process**

The New Ideas Grant process will begin with a two page Letter of Intent (LOI). Selected applicants will be invited to submit a full application (5 pages). This LOI/application applies to both the TRCHR & MbD New Ideas competitions.

#### **Important Dates**

**Letter of Intent: Due date is December 18, 2015.....Estimated LOI Notice of Decision: January 15, 2016**

**Full Application: Due date is February 26, 2016.....Estimated Notice of Decision: March 31, 2016**

**Funding: Funding to begin April 15, 2016**

#### **Letter of Intent Submission**

Send your completed LOI submission by December 18, 2015 5pm EST via email to:

Linda Donovan, Planning & Operations Manager, Ted Rogers Centre for Heart Research, [linda.donovan@TRCHR.ca](mailto:linda.donovan@TRCHR.ca)

**NB** Incomplete or late submissions will not be accepted. All complete submissions will be reviewed and adjudicated by a panel of TRCHR & MbD investigators constituted to ensure adequate expertise for the full breadth of New Ideas applications received.