

## Innovation Fund – COVID-19 – Application 2020

### 1. Awards

- Grants requesting \$50,000-\$500,000 will be funded over a maximum 1 year time horizon from an initial pool of \$500,000. Additional pools of innovation funding may become available after this initial call. The initial pool is intended to rapidly fund innovative high-priority studies addressing the **cardiovascular complications of COVID-19**. Grants will be funded by the Ted Rogers Centre for Heart Research Innovation Fund and the matching and or supplementation of COVID-19 related priority funding from other organizations is specifically encouraged in this competition.

### 2. Eligibility

- The principal- or co-principal-applicant must hold either (a) a full-time appointment at SickKids; (b) a full-time appointment at UHN; (c) a primary appointment at UofT; or (d) a full-time appointment at any UofT affiliated teaching hospital.
- Projects must include collaboration with at least 1 of the 3 partner institutions of the Centre (SickKids, UHN, UofT), which can include collaborations between clinical or non-clinical scientists.
- Projects **must focus on cardiovascular (CV) complications of COVID-19**, examples of which may include innovations in: (i) identification of patients at high risk of developing CV complications of COVID-19; (ii) early detection of CV complications of COVID-19; (iii) prevention of CV complications of COVID-19; (iv) treatment or management of CV complications of COVID-19, including longer term sequelae and follow up
- Only one application per principal/co-principal-applicant will be considered.

### 3. Evaluation Criteria

- Significance, quality and innovation of the project and its focus on CV complications of COVID-19
- Originality of the proposal, feasibility, timeliness of planned outcomes
- Strength of collaboration with 1 or more partner institutions (SickKids, UHN, UofT).
- Applicants' accomplishments (publications, grants, trainees, commercialization, translation)

### 4. Eligible expenses

- All supplies and services relating to the research project are considered eligible
- Funds for trainee support (post-doctoral, graduate) are considered eligible
- Purchase or lease of equipment up to \$25,000 is eligible if clearly justified
- Funds for investigator salaries are NOT eligible

### 5. Terms

- Applicants are required to inform the Centre of any related support currently held or applied for from other funding sources and to what extent such support overlaps with their application. As this program is specifically designed to leverage/match other COVID-19 priority research competitions, conceptual overlap is expected. Budget overlap/supplementation will require careful justification.
- Funds will not be released until all appropriate ethical, biosafety and regulatory approvals have been obtained. This includes but is not limited to approval by the Stem Cell Oversight Committee for use of human pluripotent stem cells as per the CIHR guidelines.
- Support from the Ted Rogers Centre for Heart Research Innovation Fund must be acknowledged in all publications, presentations, or other communications that arise from this award.
- Formal presentation of the project and progress will be required at specific conferences and workshops

## **6. Reporting Requirements**

- Awardees are required to provide a) a brief progress report; and b) a financial statement from the institution's finance department itemizing all expenses and showing the balance at (a) six-month mark/midway; and (b) at the end of the funding year.
- Awardees are to provide a detailed written report within 3 mos of the end of the funding period, outlining the following: (i) description of project results; (ii) list of publications /presentations resulting from the funded research; (iii) list of personnel involved and their roles; (iv) a letter to the Rogers family describing results and impact.

## **7. Application submission**

- Adhere to the guidelines provided on the Application form. Provide requested content only. Section II.4 provides up to 1 page for figures, etc.—content of this nature is only to be provided in II.4. Content that does not comply with guidelines or exceeds defined text limits will not be reviewed. Follow font requirements; do not adjust margins or layout.
- Provide a CIHR Common Academic CV for the principal applicant(s) and co-applicants—focusing on the last 5 years only
- Submit your application as a single PDF document including the principal/co-applicants' CVs by email to [linda.donovan@tedrogersresearch.ca](mailto:linda.donovan@tedrogersresearch.ca). Application **must be email sent time-stamped by 16:00 (4:00 PM) EST on May 1, 2020**
- Incomplete or late submissions will not be accepted.

## **8. Planned Schedule**

- Notice of competition **April 20, 2020**
- **Applications due May 1, 2020 4pm EST – which may be extended if additional priority funding programs are announced or extended.**
- Anticipated decision **May 12, 2020**

<b>I. Applicant Information &amp; Funds Requested</b>				
<b>I.1 Principal Applicant(s)</b>				
i) Name		Position	Institution	
Mailing Address			Telephone no.	Sex <input type="checkbox"/> Female <input type="checkbox"/> Male
City		Province	Postal Code	Email
Appointment	<input type="checkbox"/> SickKids Full-time	<input type="checkbox"/> UHN Full-time	<input type="checkbox"/> UofT Primary	<input type="checkbox"/> Other UofT Affiliated site Full-time: <i>(Specify site)</i>
ii) Name		Position	Institution	
Mailing Address			Telephone no.	Sex <input type="checkbox"/> Female <input type="checkbox"/> Male
City		Province	Postal Code	Email
Appointment	<input type="checkbox"/> SickKids Full-time	<input type="checkbox"/> UHN Full-time	<input type="checkbox"/> UofT Primary	<input type="checkbox"/> Other UofT Affiliated site Full-time: <i>(Specify site)</i>
<b>I.2 This project has been submitted to other competitions</b> <input type="checkbox"/> N/A <input type="checkbox"/> UofT <input type="checkbox"/> CIHR <input type="checkbox"/> NSERC <input type="checkbox"/> Ontario Together <input type="checkbox"/> VALE <input type="checkbox"/> MSH UHN AMO <input type="checkbox"/> Other - <i>please specify:</i>				
<b>I.3 This project has received funding from another source</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If Yes, please specify source &amp; amount:</i>				
<b>I.4 Co-applicants</b> (If more than 3, add one additional page)				
i) Name		Position	Role in Grant	
Institution		Department	Email Address	
ii) Name		Position	Role in Grant	
Institution		Department	Email Address	
iii) Name		Position	Role in Grant	
Institution		Department	Email Address	
<b>I.5 Centre Program Affiliation</b> <input type="checkbox"/> SickKids <input type="checkbox"/> UHN <input type="checkbox"/> UofT/TBEP			<b>I.6 Collaborating Partners</b> - List Investigator(s)/ Site(s)	
<b>1.7 Funds requested (\$50,000 - \$500,000 max)</b> \$				

**II. Proposed Research Plan**

**II.1 Project title** (Arial 10 pt, 75 characters max)

**II.2 Background & Rationale** [*Justify the Innovation & its relevance to CV complications of COVID-19*] (Arial 10 pt, 25 lines max)

**II.3 Objectives & Research Plan** [*Describe (a) what this Innovation will achieve, and (b) how it will be achieved, with respect to CV complications of COVID-19. Identify (c) key milestones and (d) defend feasibility based on budget, timelines and ethical, biosafety and regulatory approvals, including use of human stem cells (if needed). Detail (e) roles and relevance of each applicant and partner institution, (f) how collaboration is integral to success, and (g) how outputs and findings will be shared with the clinical and research communities*]. (Arial 10 pt, 3.25 pages max)

**II.3 Objectives & Research Plan** *[continued]*

**(Arial 10 pt, maximum 3.0 pages remain)**

**II.3 Objectives & Research Plan** *[continued]*

**(Arial 10 pt, maximum 2.0 pages remain)**

**II.3 Objectives & Research Plan** *[continued]*

**(Arial 10 pt, maximum 1.0 page remains)**

**II.4 Figures** [*Optional – may be used to show timelines, diagrams, preliminary data, etc.*] (Arial 10 pt, 1.0 page max)



**II.5 Bibliography** [*List References cited in the application*]

(Arial 10 pt, 1.0 page max)

<b>III.1 Budget Request – (\$50,000 to \$500,000 can be requested)</b>					
<b>Category</b>			<b>Principal Investigator 1</b>	<b>Principal Investigator 2</b>	<b>Total</b>
<b>Research Staff/Trainees</b>	<b>FTE/No.</b>	<b>Salary (w benefits)</b>			
Research Coordinator					\$0
Research Assistant					\$0
Research Associate					\$0
Laboratory Technician					\$0
Informatics Technician					\$0
Statistician					\$0
Post-doctoral Fellow					\$0
Graduate student - PhD					\$0
Graduate student - MSc					\$0
Undergraduate student					\$0
Other					\$0
<b>Subtotal</b>	0	--	\$0	\$0	\$0
<b>Operations and Equipment</b>					
Expendables/Supplies					\$0
Services					\$0
Equipment					\$0
Knowledge Translation/Travel					\$0
Other					\$0
<b>Subtotal</b>		--	\$0	\$0	\$0
<b>TOTAL REQUEST</b>			\$0	\$0	\$0

**NB Place cursor on a cell of the budget table, select worksheet object and open to activate the spreadsheet**

*Expendables/supplies: materials and supplies, including lab supplies, assays, tissue cultures, reagents, experimental animals/tissue, sample collection/storage, office supplies; Services: professional services, service contracts, eg data management, analytical, data modeling, imaging, genetic analyses, stem cell generation/testing, use of core facilities; Equipment: non expendable items with a useful life of more than 1 year and a cost of more than \$2000, which is used wholly or in part for this research, includes maintenance and operating costs of equipment  
Knowledge translation/travel: costs associated with dissemination of findings eg publications, travel to present findings at conferences  
Other: costs associated with other expenses related to the proposed research not covered in prior categories*

**III.2 Budget Justification** *[Provide rationale for and defend significant budget items]* (Arial 10 pt, 32 lines max)

**IV. Principal Applicant(s) Signature Block**

**a) I certify to the best of my knowledge all information in this application is accurate and collaborators are aware of this submission.**

**Name:** *(Print)*

**Signature**

**Date (DD/MMM/YYYY)**

**b) I certify to the best of my knowledge all information in this application is accurate and collaborators are aware of this submission.**

**Name:** *(Print)*

**Signature**

**Date (DD/MMM/YYYY)**

**NB: Please ensure a CIHR Common academic CV (last 5 years only) for each applicant is attached.**