



**COVID-19 IMMUNITY
TASK FORCE**

Research Roundup

Your weekly review on COVID-related research



CITF Events

Save the date!

Our next seminar in our Research Results and Implications series with CanCOVID will be on long-term care. Seven of our funded research teams will share new results looking at the immune response of older adults across Canada. Our CITF team will offer you a synthesis and discuss policy implications. Mark October 28th, 2021 from 1-2:30 p.m. in your calendars! Registration link to come!

THE ROYAL SOCIETY OF CANADA AND
THE COVID-19 IMMUNITY TASK FORCE PRESENT

KIDS AND COVID: BACK TO SCHOOL

04 | 10 | 2021

2:00_{PM} - 3:00_{PM} EDT



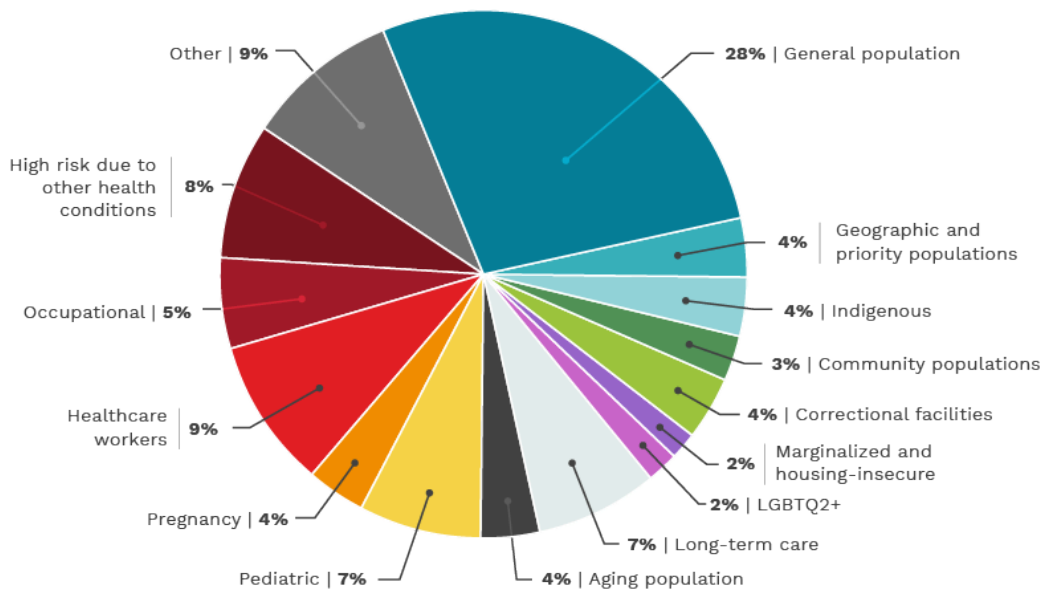
Townhall recording now available!

Missed the CITF/Royal Society of Canada (RSC) townhall? CITF Leadership Group members **Dr. Jim Kellner** and **Dr. Caroline Quach** joined Dr. Tracy Vaillancourt and Dr. Curtis Brown, authors on a [recent policy briefing](#) from the RSC to discuss back-to-school during COVID.

[View](#)



Spotlight on CITF-funded Research



108 projects across Canada so far

The CITF now funds 108 projects focussing on a wide variety of populations across Canada and investigating various aspects of the fight against COVID-19.

[Learn More](#)



SeroTracker expands its dashboard offering

CITF-funded SeroTracker has added to its wealth of information. You can now search results from serosurveillance projects around the world and in Canada by study date and population sample frame, by location and over time by province.

[Discover](#)

Antibody responses to COVID-19 vaccines in people living with HIV

Researchers Drs. Zabrina Brumme and Mark Brockman from the BC Centre for Excellence in HIV/AIDS and Simon Fraser University have determined that antibody responses following one COVID-19 vaccine dose are modestly lower in people living with HIV compared to individuals without HIV. However, they report that the discrepancy disappears after the second dose. These findings, available in preprint and therefore not yet peer-reviewed, emerge from a CITF-funded pan-Canadian study headed by Dr. Aslam Anis of the Canadian HIV Trials Network.

[Read More](#)



Publications from our Experts

Characteristics of children admitted to hospital with acute SARS-CoV-2 infection in Canada in 2020

In a recent *Canadian Medical Association Journal (CMAJ)* publication, CITF-funded researchers Drs. Karina Top (Dalhousie University), Manish Sadarangani (University of British Columbia), Jesse Papenburg (McGill University), and led by Drs. Fatima Kakkar and Shaun Morris, described 264 children who were admitted to hospital in Canada with confirmed SARS-CoV-

2 infection in 2020. They found that severe cases were more likely among children with obesity and certain comorbidities.

[Read More](#)

Protecting Canadian children in the fourth wave of the COVID-19 pandemic

A commentary in the *Canadian Medical Association Journal (CMAJ)* from CITF Leadership Group member Dr. Jim Kellner, a pediatrician from the University of Calgary and Chair of the CITF's Pediatric Network, and CITF-funded researcher Dr. Stephen B. Freedman, also pediatrician at the University of Calgary, highlight the importance of protecting children from the consequences of the fourth wave of the COVID-19 pandemic in Canada.

[Read More](#)

Leveraging the use of type 1 interferons as therapeutics against severe COVID-19

While many effective vaccines have been developed to mitigate the impact of the COVID-19 pandemic, there remains a critical need for novel ways of treating patients hospitalized with moderate, severe or critical COVID-19. A recent commentary in the *Journal of Clinical Immunology*, published by CITF-funded researcher Dr. Donald Vinh from the Research Institute of the McGill University Health Centre, explores the use of type 1 interferon proteins to allow physicians to better control the disease.

[Read More](#)

Pregnancy and neonatal outcomes in the COVID-19 pandemic era

As the pandemic progresses, we are learning more about COVID-19 and its effects on pregnancy. A recent study conducted by researchers in Ontario, including CITF-funded researcher Dr. Deshayne Fell from the University of Ottawa and the CHEO Research Institute, sought to better understand how the COVID-19 pandemic has affected pregnancy outcomes at a population

level. The results were recently published in *Acta Obstetricia et Gynecologica Scandinavica*.

[Read More](#)



International Research Review

How do we combat vaccine hesitancy? Let's talk about vaccine effectiveness!

In this Canadian study published in *JAMA*, researchers wanted to know if the type of information provided about a vaccine could affect people's likelihood of accepting it. Findings indicate that providing information on how well vaccines prevent death, rather than how well they prevent symptomatic disease, made participants more likely to accept the vaccine.

[Read more](#)



Share!

Know policymakers or researchers who may be interested in our latest research results? Please share this email and encourage them to subscribe!

[Sign Up](#)

Have a publication we should review or know about? Please share with us at
research@covid19immunitytaskforce.ca

Missed an issue of Research Roundup? [View back issues.](#)

The views expressed herein do not necessarily represent the views of the
Public Health Agency of Canada.