



THE UNIVERSITY OF BRITISH COLUMBIA

Action on Sepsis

Research Excellence Cluster

ACTION ON SEPSIS

THROUGH COLLABORATION AND INNOVATION WE WILL CONQUER SEPSIS

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News from the Cluster

- Dr Manish Sadarangani was awarded a [CIHR-CEPI Leadership Award for Excellence in Vaccine Research for Infectious Diseases of Epidemic Potential](#), to investigate immune responses to different COVID-19 vaccines and SARS-CoV-2 infection and inform the development of vaccines with improved responses for COVID-19 and future coronaviruses.
- The Action on Sepsis Patient Advisory Council was awarded the [Sepsis Canada Patient-Led Research Project Grant](#) to investigate the impact of engaging with sepsis research networks on long-term recovery. Marie-Maxime Bergeron and Kristine Russell will lead the project as PI and Co-PI, along with Dr Marianne Vidler.
- Dr Amy Lee has published a review in *eBioMedicine* highlighting [bioinformatic/genomic-based methods for identifying pathogen-associated genes in bacteria](#), to inform the development of anti-virulence drug treatments. This will help address the global challenge of AMR.
- Dr Matthew Wiens, Dr Pascal Lavoie, Dr Mark Ansermino, and Dr Nirnajna Kissoon and collaborators have published the results of a multisite observational cohort study in *The Lancet Child & Adolescent Health* demonstrating the [high burden of preventable post-discharge death among Uganda children hospitalized with sepsis](#) and characterizing interactions between risk factors for post-discharge death.
- Research from Dr Robert Hancock and Dr Amy Lee, led by PhD-MD student Andy An, and published in *Frontiers in Immunology*,

demonstrates that [severe COVID-19 and non-COVID-19 sepsis share common disease mechanisms](#), as evidenced by nearly identical gene expression pathways one week after being in the ICU.

- CIHR recently highlighted **Dr Srinivas Murthy's** work on the [Randomised, Embedded, Multi-factorial, Adaptive Platform Trial for Community-Acquired Pneumonia \(REDMAP\)](#), which aims to improve care for individuals hospitalized with severe respiratory infections.
- CIHR also shared recent research from **Sepsis Canada** investigating in [public awareness and knowledge of sepsis among the public](#) highlighting the critical role of patient partners in the network's research.

Updates from Our Partners



Global Sepsis Alliance

World Sepsis Congress - Watch Now!

The Global Sepsis Alliance held its 4th World Sepsis Congress in April 2023, featuring more than 85 speakers from 35 countries. Missed a session? You can [watch it on demand](#) on YouTube or as a Apple Podcast.

Participate in the Sepsis Canada Investigator Survey

Sepsis Canada is conducting a survey of Canadian sepsis researchers with the goal of gaining a deeper understanding of the sepsis research landscape in Canada. By participating in this survey, you are helping to drive innovation and foster new collaborations within Sepsis Canada, all while contributing to building a sustainable network.



Sepsis Canada
Suspect sepsis. Save lives. Support recovery.

If you are an **independent investigator, researcher, or clinician scientist**, please click [here](#) to participate.

Deadline: May 29, 2023

Events

ONE DAY VIRTUAL EVENT

WEDNESDAY, JUNE 21ST, 2023



SEPSIS FORUM

BENCH-BEDSIDE-BEYOND

Registration is now open, with limited spots available! The Sepsis Forum will be a FREE one-day virtual event with sessions for bedside providers, sepsis researchers, global health professionals, sepsis survivors, and more.

When: June 21, 2023, 8:00 am - 3:15 pm PDT

[Learn More & Register Here](#)

[View the Agenda](#)



UBC SPARC will be hosting its first **Fundamentals Workshop** to help prepare UBC researchers in applying to CIHR Strategic competitions. This workshop will be especially helpful to those who are new to CIHR, including early career researchers or investigators that are new to Canada.

When: May 25, 10:00 - 11:30 am PDT

Where: Zoom

[Register Here](#)

Upcoming Grants

Pre-announcement - CIHR Team Grant: Lung Health

Program launch date: Summer 2023

Information webinar: Summer 2023

Application deadline: Winter 2024



The call will support health research relevant to lung health and wellness in the following areas: *Inflammation*, policy, cancer, sex and gender, climate and vaping. Details [here](#).

Vaccine manufacturability focused on speed

Due: December 15, 2023



Supports manufacturability-related innovations and technologies that can accelerate the time required to make clinical trial material (CTM), in response to a new pathogen outbreak. These innovations must optimize processing steps on the critical path towards CTM availability, for any proven vaccine manufacturing platform, and technologies that can be applied to multiple vaccine products and projects. Details [here](#).

Action on Sepsis is based in the traditional, ancestral, and unceded territory of the Coast Salish Peoples – SK̓WX̓WÚ7MESH (Squamish), STÓ:LŌ and SƏ́ÍLWƏTÁʔ/SELILWITULH (Tseilim-Waututh) and XʷMƏΘKʷƏÝƏM (Musqueam) Nations. We also invite everyone to reflect on the land they currently work and live on.

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