



THE UNIVERSITY OF BRITISH COLUMBIA

Action on Sepsis  
Research Excellence Cluster

## ACTION ON SEPSIS

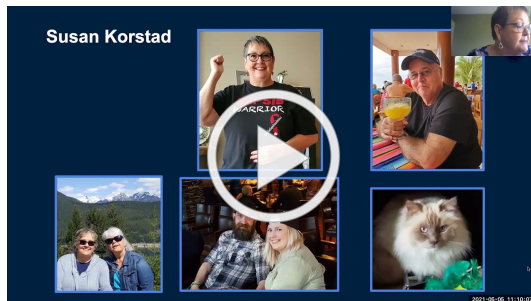
THROUGH COLLABORATION AND INNOVATION WE WILL CONQUER SEPSIS

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## Cluster Announcements

### Patient Advisory Council presents at the Centre for Blood Research weekly seminars



Patient Advisory Council members Sue Korstad and Marie-Maxime Bergeron shared their sepsis stories at a UBC Centre for Blood Research seminar.

Watch the recorded seminar [here!](#)

### Congratulations to Andy An, recipient of a Killam Doctoral Scholarship!



The Killam Doctoral Scholarships are awarded annually to UBC doctoral candidates who are the top students in the Tri-Agency/Affiliated Fellowships competition. Andy was awarded the scholarship in recognition of his work on transcriptomic and epigenetic changes in sepsis survivors.

[Learn more about Andy's research here!](#)

### The Smart Discharges Program has achieved key milestones!



The Smart Discharges Health Worker Training program has now been launched at 16 facilities in Uganda. 670 health workers have been trained since the launch. The program equips health workers with the necessary knowledge and skills to provide comprehensive discharge and post-discharge care to children treated with sepsis

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### Launch of the MOSAIC Study

Vaccines are an essential line of defense against sepsis. The national MOSAIC (Mix and match of the second COVID-19 vaccine dose for SAfety and ImmunogeniCity) Study, co-led by Dr. Manish Sadarangani and Dr. Joanne Langley, is evaluating the safety and effectiveness of combining two different COVID-19 vaccines for the first and second doses as well as the impacts of increasing the time interval between doses. Learn more [here!](#)



## Updates from the Pediatric Sepsis Data CoLaboratory



**For Pediatric Sepsis**

(Sepsis CoLab) is an international data-sharing network of experts collaborating to address the high burden of pediatric sepsis mortality and morbidity globally. Since its launch in Fall 2020, the Sepsis CoLab has welcomed 79 new members, published a paper on common data elements for predictors of pediatric sepsis, and has established a virtual platform on Scholars Portal Dataverse for high quality data collection and sharing. This will enable improved modelling and analytics, drive quality improvement in clinical care, and

facilitate a community for sharing best practices and for advocacy globally. Throughout 2021 and beyond, the Sepsis CoLab plans to conduct their 5-survey environmental scan to determine baseline readiness to provide pediatric sepsis care in health facilities in Cameroon, Uganda, and Latin America.

Those interested in joining the Sepsis CoLab can do so by completing a brief [Membership Application](#). Sepsis CoLab Members are provided with networking opportunities and mentorship as well as access to a host of resources shared through our [Dataverse](#). Please visit the [Sepsis CoLab website](#) to learn more!

## Events

### World Sepsis Day 2021

**Action on Sepsis, BC Sepsis Network, and the Centre for International Child Health** invite you to attend the:

**World Sepsis Day 2021 Panel: Bridging gaps in post-sepsis care for sepsis survivors**

Monday, September 13th, 2021  
10:00 - 11:00 am PST

**Moderator:**

**Colin O'Neill** - Leader, Health System Improvement at BC Patient Safety & Quality Council

**Panelists:**

**Clare Komugisha, RN, MPH** - Nurse and Research Supervisor, Walimu (Uganda)

**Jaelyn Robinson, BSc, RN** - COVID-19 survivor and Clinical Nurse Specialist, Post-COVID-19 Interdisciplinary Clinical Care Network

**Kristin MacDonald, MSc** - Sepsis survivor, Action on Sepsis Patient Advisory Council

**John Boyd, MD** - Intensivist and Lead for the Sepsis Survivorship Clinic, St Paul's Hospital

**RSVP:** <https://bit.ly/WSD-2021-Register>



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**BC Sepsis Network**  
BC PATIENT SAFETY & QUALITY COUNCIL



Action on Sepsis, the BC Sepsis Patient Safety & Quality Council, and the Centre for International Child Health at BC Children's Hospital are putting on a panel with health professionals and sepsis survivors for World Sepsis Day 2021. The panel aims to increase health care providers' awareness of long-term impacts of sepsis and improve the services and support needed by sepsis patients during the post-sepsis period.

Learn more and [register here!](#)

Unable to attend the event? You can still show your support for World Sepsis Day - visit the Global Sepsis Alliance's website [for more ideas](#).

In the Greater Vancouver Area? This year [Surrey Civic Plaza](#), [Port Coquitlam City Hall](#), [Maple Ridge City Hall](#), the [Lafarge Lake Fountain](#) (Coquitlam), [Science World](#) and the [Canada Place Sails](#) will be **illuminated in pink** on **September 13**. Take a picture and share on social media using **#WorldSepsisDay2021!** Don't forget to tag [@ActionOnSepsis](#).

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## JEDI (Justice, Equity, Diversity, and Inclusion) Health Cluster Alliance

Action on Sepsis, along with 12 other Research Excellence Clusters, have formed the JEDI Health Cluster Alliance in order to provide our members with training and education related to equity, diversity and inclusion. To support this aim, the JEDI Health Cluster Alliance is planning the following event on Wed, October 6, 2021 - 12:00pm to 1:00pm

### SPEAK UP!: BUILDING A RESPECTFUL AND INCLUSIVE WORKPLACE

This workshop will be facilitated by UBC's [Equity & Inclusion Office](#). In this workshop, attendees will learn about what makes a respectful community and explores challenges to inclusion by focusing on microaggressions and the impact they can have on workplace culture. Anyone interested in learning how to foster an inclusive and respectful working environment is welcome to attend.

[Register here!](#)

**Opening Session: The Impact of Policy, Healthcare, Science, and Public Private Partnership**

**N. 'Tex' Kisson**  
President Global Sepsis Alliance, Canada  
**Moderator**

**J. Gardy**  
Bill & Melinda Gates Foundation, USA  
**Towards a Better 'Pandemic Peacetime': Improving Routine Infectious Disease Surveillance to Better Respond to Future Emergencies**

**P. Paterson**  
Vaccine Confidence Project, UK  
**Vaccine Hesitancy – The Biggest Global Health Threat**

**C. Murray**  
Institute for Health Metrics and Evaluation, USA  
**The Major Global Health Threats in the 21<sup>st</sup> Century**

**H. Kluge**  
Regional Director for Europe, WHO, Denmark  
**Lessons from the Pandemic Can Help Reduce the Overall Burden of Sepsis**

**J. Hunt**  
Chairman of the Health and Social Select Committee, UK  
**Role of Policy for Patient Safety**

**K. Martin**  
Consortium of Universities for Global Health, USA  
**The Role of Politics in Fighting Pandemics**

The 2021 World Sepsis Congress is now online!  
[View all 15 sessions here.](#)

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**Vaccinating the World Against COVID-19**



On July 21, the Centre for International Child Health hosted a panel discussion on the road to equitable vaccinations for COVID-19.

Read the [highlights](#) and watch the recording [here](#).

## Publication Spotlights

### **Antimicrobial resistance research in a post-pandemic world: Insights on antimicrobial resistance research in the COVID-19 pandemic**

J Rodríguez-Baño, G M Rossolini, C Schultsz, E Tacconelli, S Murthy, N Ohmagari, A Holmes, T Bachmann, H Goossens, R Canton, A P Roberts, B Henriques - Normark, C J Clancy, B Huttner, P Fagerstedt, S Lahiri, C Kaushic, S J Hoffman, M Warren, G Zoubiane, S Essack, R Laxminarayan, L Plant

In this article, the authors highlight pandemic-related disruptions to AMR surveillance and the high antibiotic use in COVID-19 patients. There is a need for future studies assessing new or evolving AMR at the local, national, and international scale, and an opportunity for the AMR research community to leverage increased awareness of the importance of infectious diseases to promote good practices for controlling AMR transmission.

[Read here!](#)

### **Neither Blood Culture Positivity nor Time to Positivity Is Associated With Mortality Among Patients Presenting With Severe Manifestations of Sepsis: The FABLED Cohort Study**

K Paquette, D Sweet, R Stenstrom, S N Stabler, A Lawandi, M Akhter, A C Davidson, M Gavric, R Jinah, Z Saeed, K Demir, S Sangsari, K Huang, A Mahpour, C Shamatutu, C Caya, J Troquet, G Clark, T Wong, C P Yansouni, M P Cheng

In this multi-center study, blood cultures were taken in patients with severe sepsis before and after antibiotics administration. These cultures were assessed for bacteremia, persistent bacteremia, and time to positivity in bacteremic patients. The authors found that these markers were not associated with 90-day mortality.

[Read here!](#)

## Grant Updates



### Antimicrobial Stewardship (AMS) Programs to Address Health Inequities in Resource Limited Settings

Due: Aug 26, 2021

\$50,000 - \$100,000 USD over 2 years to support QI initiatives to reduce disparities that impacts AMS in resource-limited settings. Open to organizations that are part of a network of hospitals or institutions for sharing best clinical practice, globally.

[Details here.](#)

Rural Coordination  
Centre of BC



### Rural Global Health Partnership Initiative

Due: Oct 31, 2021

\$5,000 or \$10,000 CAD for projects that promote and enhance the capacity for generalism in the health services of low-resource and underserved rural communities, in BC and globally. Open to BC medical trainees or physicians with experience and a demonstrated interest in rural medicine and global health.

[Details here.](#)



### CICH Global Health Trainee Grant

Due: Rolling deadline

\$1,250 CAD to support health professional trainees who are supervised by a C&W member and planning to participate in a rural/remote elective in a High-Income Country (HIC) or a global health elective in a Low- or Middle-Income Country (LMIC) in 2021 as part of their clinical training.

[Details here.](#)

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

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