World Sepsis Congress Spotlight:
Sepsis, Pandemics, and Antimicrobial Resistance – Global Health Threats of the 21st Century

A Free Online Congress
by the World Health Organization
and the Global Sepsis Alliance

To be held completely online
on 9 September 2020

Information and free registration:
wscspotlight.org

#wscspotlight

Program Chairs:
Hanan Balkhy, Assistant Director-General, WHO
Konrad Reinhart, President, GSA

World Health Organization

Global Sepsis Alliance

Welcome to the World Sepsis Congress (WSC) Spotlight: Sepsis, Pandemics, and Antimicrobial Resistance – Global Health Threats of the 21st Century

On 9 September 2020, the World Health Organization (WHO) and the Global Sepsis Alliance (GSA) will host a co-organized WSC Spotlight. This free online event aims to review achievements, challenges, and potential solutions to combat the threat of sepsis worldwide.

Recognizing that most deaths from sepsis can be prevented by simple measures of infection prevention, vaccination, clean care, and early recognition, and that antimicrobial resistance (AMR) can jeopardize clinical management of sepsis, the Seventieth World Health Assembly (WHA) adopted a **Resolution on Sepsis** in 2017.

Highlighting the vast scale of sepsis as a global health threat, the 'Global Burden of Disease Report' estimated that sepsis, which can be caused by most infectious microorganisms, affected a staggering **48.9 million people and claimed 11 million lives worldwide in 2017**. Manifestations of sepsis and septic shock are frequently the final pathway for emerging infectious disease threats such as the COVID-19 pandemic and the recent Ebola outbreaks, contributing to the overall global burden of sepsis.

In addition, the steadily growing threat of AMR contributes considerably to the enormous human, medical, and economic burden of infectious diseases. Outbreaks in hospitals of infections with resistant microorganisms are increasingly common. For example, the 3rd WHO Global Antimicrobial Resistance Surveillance System report published in 2020 found that the median resistance rates of Acinetobacter species (a common cause of hospital infections) were as high as 41.2% and 63.2% to aminoglycosides and carbapenems, respectively, with some countries already reporting 90-100% resistance.

The large and ever-increasing scale of both threats demands global attention, which is the objective of this congress. Over the course of 6 distinctive sessions, the WSC Spotlight will:

- Provide an overview of lessons and challenges from the COVID-19 pandemic and recent Ebola outbreaks in the global fight against sepsis and AMR
- Describe the current global epidemiology and burden of sepsis and AMR as well as explore a future research agenda
- Explore innovative, novel, and cost-effective approaches to preventing and combating sepsis and AMR
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Like the 1st and 2nd WSC in 2016 and 2018, and the first WSC Spotlight in 2017, this free online congress brings together highly ranked representatives of international and national healthcare authorities, non-governmental organizations, policymakers, patients, patient advocacy groups, clinical scientists, researchers, and pioneers in healthcare improvement with the unified goal of improving AMR and sepsis healthcare around the world.

As program chairs and on behalf of the World Health Organization and the Global Sepsis Alliance, we cordially invite you to join us for this free online congress at wscspotlight.org on 9 September 2020, just 4 days before the 9th World Sepsis Day on 13 September.





Hanan Balkhy, MD
Assistant-Director General
World Health Organization
Antimicrobial Resistance

Konrad Reinhart, MD ML
President Global Sepsis Alliance
Senior & BIH Visiting Professor
Charité University Hospital Berlin

Session 1:	Session 2:	Session 3:
Opening Session	The Epidemiology and Burden of Sepsis	Antimicrobial Resistance: An Emerging Global Health Threat
10:30h Berlin Time	12:30h Berlin Time	14:00h Berlin Time

Session 4:	Session 5:	Session 6:
Sepsis, Ebola, and COVID-19	A Comprehensive and Integrated Approach to Preventing Sepsis and AMR	Early Identification and Appropriate Clinical Management of Sepsis Saves Lives and Prevents AMR
15:30h Berlin Time	17:00h Berlin Time	18:30h Berlin Time

Session 1: Opening Session

Wednesday, 9 September at 10:30h Berlin Time (click to see your local time zone)	
	Opening Remarks: Hanan Balkhy, Assistant Director-General, World Health Organization, Switzerland Chair: Simon Finfer, Global Sepsis Alliance, Australia
10:35h Berlin Time	WHO Response to Global Health Threats: Sepsis, AMR, and COVID-19 Tedros Adhanom Ghebreyesus, Director-General, World Health Organization, Switzerland
10:50h Berlin Time	Entering a New Era for Tackling AMR Hanan Balkhy, Assistant Director-General, World Health Organization, Switzerland
11:05h Berlin Time	Keynote: The Next Generation of Environmentally Friendly Antibiotics Ada Yonath, Nobel Prize Laureate, Weizmann Institute of Science, Israel
11:25h Berlin Time	Vaccination Saves Lives through Prevention of Sepsis Seth Berkley, GAVI, the Vaccine Alliance, Switzerland
11:40h Berlin Time	The Patient Safety Dimension Liam Donaldson, WHO Envoy for Patient Safety, United Kingdom
11:55h Berlin Time	The WHO Global Sepsis Epidemiology Report: Towards a Global Sepsis Research Agenda Alessandro Cassini, World Health Organization, Switzerland

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Session 2: The Epidemiology and Burden of Sepsis

Wednesday, 9 September at 12:30h Berlin Time (click to see your local time zone)	Chair: Niranjan 'Tex' Kissoon, Global Sepsis Alliance, Canada
12:30h Berlin Time	Keynote: The Global Burden of Sepsis Kristina Rudd, University of Pittsburgh, United States of America
12:45h Berlin Time	The Burden of Maternal Sepsis in Fragile Populations Zenaida Recidoro, National Safe Mother Program Department of Health, Philippines
13:00h Berlin Time	The Burden of Sepsis in Children and Neonates: Lessons Learned from Low- and Middle-Income Countries (LMICs) Matthew Westercamp, Centers for Disease Control and Prevention, United States of America
13:15h Berlin Time	Challenges in Implementing Sepsis and AMR Surveillance Uduak Okomo, Medical Research Council Unit The Gambia at London School of Hygiene and Tropical Medicine, The Gambia
13:30h Berlin Time	Drivers of and Inequalities in the Burden of Sepsis in LMICs Flavia Machado, Global Sepsis Alliance, Brazil

Session 3: Antimicrobial Resistance: An Emerging Global Health Threat

Wednesday, 9 September at 14:00h Berlin Time (click to see your local time zone)	Chair: Maha Talaat, World Health Organization, Egypt
14:00h Berlin Time	Keynote: One-Health-Approach to AMR and Global Health Threats Ilaria Capua, Emerging Pathogens Institute, University of Florida, United States of America
14:15h Berlin Time	Novel Medicines Project: Driving Reinvestment in Research and Development and Responsible Antibiotic Use Stephan Harbarth, Infection Control Programme, Geneva University Hospitals, Switzerland
14:30h Berlin Time	Cost-Effective Interventions to Combat AMR Zhahirul Islam, International Centre for Diarrhoeal Disease Research, Bangladesh
14:45h Berlin Time	AMR in Neonates and Children with Sepsis in LMICs Mike Sharland, St George's University Hospitals NHS Foundation Trust, United Kingdom
15:00h Berlin Time	Antimicrobial Stewardship in Limiting Multi Drug Resistant Organisms Jameela Alsalman, Ministry of Health, Bahrain

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Session 4: Sepsis, Ebola, and COVID-19

Wednesday, 9 September at 15:30h Berlin Time (click to see your local time zone)	Chair: Emmanuel Nsutebu, African Sepsis Alliance, United Arab Emirates
15:30h Berlin Time	Keynote: WHO Clinical Response to Sepsis, COVID-19, and Ebola Janet Diaz, World Health Organization, United States of America
15:45h Berlin Time	Managing Sepsis in COVID-19 Patients – Special Considerations Hala Abuzeid, Abu Dhabi Health Service, United Arab Emirates
16:00h Berlin Time	COVID-19 Therapeutics: What We Have Learned and Where We Are Going Marco Cavaleri, European Medicines Agency, The Netherlands
16:15h Berlin Time	Mobile Emergency Care Units Ebola Sepsis Improve Survival Richard Kojan, The Alliance for International Medical Action, Democratic Republic of the Congo
16:30h Berlin Time	Inflammatory Response Due to COVID-19 Infection Yee Sin Leo, National Centre for Infectious Diseases, Singapore

Session 5: A Comprehensive and Integrated Approach to Preventing Sepsis and AMR

Wednesday, 9 September at 17:00h Berlin Time (click to see your local time zone)	Chair: Folasade Ogunsola, University of Lagos, Nigeria
17:00h Berlin Time	Keynote: Preventing Infection and Improving Health in LMICs: Lessons Learned from Water, Sanitation, and Hygiene Programmes Kelly Ann Naylor, UNICEF, United States of America
17:15h Berlin Time	WHO Infection Prevention and Control Strategy to Prevent AMR and Sepsis Benedetta Allegranzi, World Health Organization, Switzerland
17:30h Berlin Time	The Impact of Bacillus Calmette-Guérin (BCG) Vaccination on COVID-19 and Respiratory Infections Evangelos Giamarellos, European Sepsis Alliance, Greece
17:45h Berlin Time	Preventing Sepsis and AMR in Intensive Care Unit Patients Mervyn Mer, University of the Witwatersrand, Johannesburg, South Africa

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Session 6: Early Identification and Appropriate Clinical Management of Sepsis Saves Lives and Prevents AMR

Wednesday, 9 September at 18:30h Berlin Time (click to see your local time zone)	Chair: Ron Daniels, Global Sepsis Alliance, United Kingdom
18:30h Berlin Time	Keynote: Bringing the Fight Against Sepsis to the Next Level Konrad Reinhart, Global Sepsis Alliance, Germany
18:45h Berlin Time	Management and Treatment of Possible Serious Bacterial Infection in Infants in Resource-Limited Settings Shally Awasthi, King George's Medical University, India
19:00h Berlin Time	The Role of the Pathogen in the Management of Sepsis Arjen Dondorp, Asia Pacific Sepsis Alliance, Thailand
19:15h Berlin Time	Pediatric Sepsis: Guidelines and More Rana Sharara-Chami, American University of Beirut Medical Center, Lebanon
19:30h Berlin Time	The Role of Sepsis and AMR for Patient Safety Abdulelah Al-Hawsawi, Saudi Patient Safety Center, Saudi Arabia
19:45h Berlin Time	Closing Remarks: Edward Kelley, Director, Integrated Health Services, WHO, Switzerland Niranjan 'Tex' Kissoon, GSA, Canada

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The WSC Spotlight:
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is co-organized by the World Health Organization and
the Global Sepsis Alliance, initiator of World Sepsis Day and
World Sepsis Congress.

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Global Sepsis Alliance
World Health Organization
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