

# TACKLING ANTIMICROBIAL RESISTANCE IN HOSPITAL SETTINGS

**FREE GLOBAL WEBINAR MEETING**  
**November 21, 2023**



The axiom “if you want to go fast, go alone; if you want to go far, go together” reminds us of the need for global solidarity, not only to reduce disparities but also to present a united front against the global health challenge of antimicrobial resistance. Through collaborative initiatives and a united front, a future of effective antimicrobial therapy can be envisioned for generations to come.

Antimicrobial resistance (AMR) is one of the greatest threats to public health, sustainable development, and security worldwide. Its prevalence has increased alarmingly over the past decades.

The term "One Health" is now used widely to recognize the interconnectedness of the health of people, animals, and the environment. Multisectoral collaborations and concerted global efforts across multiple health domains are needed to tackle AMR.

Despite the complexity of AMR determinants, healthcare workers play a central role in preventing the emergence and spread of AMR, optimizing antimicrobial use, strengthening surveillance and infection prevention and control, and improving education and awareness regarding the appropriate use of antibiotics and the correct respect of infection prevention and control measures.

The webinar is free of charge and completely online.

To give people from all over the world the opportunity to connect, the webinar will last 15 hours, starting at 6.55 a.m. UTC and ending at 10.00 p.m. UTC.

The webinar will be held during World Antimicrobial Resistance Awareness Week. It aims to increase awareness of AMR and encourage a comprehensive approach to infections in hospital settings.

Over the course of the webinar meeting, speakers from all around the world will debate the main aspects of AMR and prevention and management of infections in the hospital settings.

All participants will receive a certificate of participation.

Join us!

Massimo Sartelli

Global Alliance for Infections in Surgery



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**06.45h UTC**

Opening

**Massimo Sartelli (Italy)**

**06.50h UTC**

06.50-07.00 Update on World AMR Awareness Week (WAAW) 2023

**Diriba Mosissa (World Health Organization)**

**07.00h UTC**

07.00-07.20 Antimicrobial resistance: a misunderstood global threat

**Marc Mendelson (South Africa)**

07.20-07.40 Global challenges to tackling AMR

**Ramanan Laxminarayan (One Health Trust)**

07.40-07.55 A global approach to tackle the AMR crisis

**Otto Cars (ReAct)**

07.55-08.10 Informing, educating and connecting to tackle AMR

**Maarten van Dongen (AMR Insights)**

**08.10h UTC**

08.10-08.25 EU actions to combat AMR

**Isabel de la Mata Barranco (European Commission)**

08.25-08.40 The challenges posed by AMR in Africa

**André N.H. Bulabula (Africa CDC)**

**SESSION 1**

**08.45h UTC**

Chair: **Leonardo Pagani (Italy)**

08.45-09.00 One health and AMR

**Sujith J. Chandy (ICARS)**

09.00-09.15 Promoting cross-regional collaboration in antimicrobial stewardship

**Faryal Khamis (Oman)**

09.15-09.30 Improving education and awareness about AMR in hospital settings

**Harumi Gomi (Japan)**



09.30-09.45 The role of youth in combatting antimicrobial resistance  
**Daniel Waruingi (Students Against Superbugs Africa)**

**SESSION 2**  
**09.45h UTC**

Chair: **Stefania Stefani (Italy)**

09.45-10.00 AMR impact on hospital settings worldwide  
**Alessandro Cassini (Switzerland)**

10.00-10.20 The WHO Global Research Agenda for AMR in human health  
**Silvia Bertagnolio (World Health Organization)**

10.20-10.35 COVID-19 and AMR: intersections and implications  
**Mary Ann Lansang (Philippines)**

10.35-10.50 Why it is important to prescribe antibiotics appropriately  
**Afreenish Amir (Pakistan)**

**SESSION 3**  
**10.50h UTC**

Chair: **Laili Chamani-Tabriz (United Arab Emirates)**

10.50-11.05 Control measures to tackle AMR in low resources settings  
**Sameer Dhingra (India)**

11.05-11.20 Balancing the risks and benefits of antibiotic use in a globalized world: the ethics of AMR  
**Yusuff Adebayo Adebisi (United Kingdom)**

11.20-11.35 Antimicrobial resistance and patient safety  
**Nadia Jaidane (Tunisie)**

11.35-11.55 Understanding mechanisms of antibiotic resistance  
**Jordi Vila (Spain)**

**SESSION 4**  
**12.00h UTC**

Chair: **Pierre Tattevin (APUA)**

12.00-12.20 Antibiotic resistance: the most critical bacteria  
**Pierluigi Viale (Italy)**



12.20-12.40 The ongoing threat of antifungal resistance

**Matteo Bassetti (Italy)**

12.40-12.55 Interpreting antibiotic susceptibility testing in the era of AMR

**Beverly Egyir (Ghana)**

12.55-13.10 Surveillance of AMR: why and how

**Jeremiah Seni (Tanzania)**

13.10-13.25 The AWaRe classification and its utility to implement prescribing practice

**Obed Kwabena Offe Amponsah (Ghana)**

## **SESSION 5**

**13.35h UTC**

Chair: **Diana Chebet (Kenya)**

13.35-13.55 Infection prevention and control in the era of AMR

**Nicola Petrosillo (Italy)**

13.55-14.15 Implementing infection prevention and control in hospital settings

**Sonja Hansen (Germany)**

14.15-14.30 Impact of healthcare-associated infections

**Constantinos Tsioutis (Cyprus)**

14.30-14.45 Infection prevention and control in low resources settings

**Steward Mudenda (Zambia)**

## **SESSION 6**

**14.55h UTC**

Chair: **Majdi Al-Hasan (USA)**

14.55-15.10 Principles for appropriate surgical antibiotic prophylaxis

**E. Patchen Dellinger (USA)**

15.10-15.30 Principles for appropriate antibiotic therapy

**Edward Septimus (USA)**

15.30-15.50 Challenges and opportunities in the treatment of MDROs

**Robert A. Bonomo (USA)**



15.50-16.10 Optimizing antibiotic therapy in critically ill patients

**Jordi Rello (Spain)**

16.10-16.30 Antibiotic therapy in patients with organ solid transplantation

**Lilian Abbo (USA)**

## **SESSION 7**

**16.45h UTC**

Chair: **Fabio Tumietto (Italy)**

16.45-17.00 The role of the microbiologist in tackling antimicrobial resistance

**Bih Awazi (Cameroon)**

17.00-17.15 Microbiologic diagnostic stewardship in low resources settings

**Appiah-Korang Labi (Ghana)**

17.15-17.30 Monitoring of antibiotic use, consumption, and the quality of prescribing

**Joseph Fadare (Nigeria)**

17.30-17.50 Antimicrobial stewardship. Who are the stakeholders and how to engage them

**Eleni Giamarellou (Greece)**

## **SESSION 8**

**18.05h UTC**

Chair: **Gabriel Levy Hara (Argentina)**

18.05-18.20 Healthcare workers' education and training in antimicrobial stewardship

**Abdul-Wahab Omo-ope Ettu (Nigeria)**

18.20-18.40 Core elements of antimicrobial stewardship

**Debra Goff (USA)**

18.40-18.55 Antimicrobial stewardship in low resources settings

**Cornelius C. Dodoo (Ghana)**

18.55-19.10 Measurement of performance in antimicrobial stewardship

**Alfredo Ponce de Leon (Mexico)**

19.10-19.25 The role of nurses in antimicrobial stewardship

**Enrique Castro-Sanchez (United Kingdom)**

19.25-19.40 Why it is so difficult to implement antimicrobial prescribing practices

**Glendee Reynolds Campbell (Jamaica)**



## SESSION 9

19.50h UTC

Chair: **Fausto Catena (Italy)**

19.50-20.05 Issues in managing surgical infections in low resources settings

**Kebebe Bekele (Ethiopia)**

20.05-20.20 Source control. When it is adequate

**Federico Coccolini (Italy)**

20.20-20.35 Infection or inflammation: are uncomplicated acute appendicitis, acute cholecystitis, and acute diverticulitis infectious diseases?

**Philip Barie (USA)**

20.35-20.50 The surgeon and the infections

**Robert Sawyer (USA)**

20.50-21.05 Ethical considerations for prescribing antibiotics appropriately across the surgical pathway

**Alberto Ferreres (Argentina)**

21.05-21.20 A global strategy for managing surgical infections

**Jennifer Rickard (USA)**

21.20-21.35 Understanding microbial biofilm on medical devices

**Shyam Kumar Mishra (Australia)**

21.35h UTC

21.35-21.50 Global collaboration to achieve better outcomes in healthcare

**Raul Coimbra (USA)**

21.50h UTC

21.50-22.00 Declaration on Infection Prevention and Management in Global Surgery

**Massimo Sartelli (Italy)**



## Registration

[https://www.advancedcongressi.it/advit/congressi/webinar\\_2023\\_11\\_21](https://www.advancedcongressi.it/advit/congressi/webinar_2023_11_21)

<https://infectionsinsurgery.org/free-infections-in-surgery-global-webinar/>

## Time zone converter

Please, check the time zone converter to find the time in your zone.

<https://www.timeanddate.com/worldclock/converter.html?iso=20231121T070000&p1=1440>

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[info@advancedcongressi.it](mailto:info@advancedcongressi.it)



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**Contact us**

**[massimosartelli@infectionsinsurgery.org](mailto:massimosartelli@infectionsinsurgery.org)**

Antimicrobial resistance (AMR) poses a global challenge. No single country, however effective it is at containing resistance within its boundaries, can protect itself from the importation of multi-drug resistant organisms.

The global nature of antimicrobial resistance calls for a global response, both in the geographic sense and across the whole range of sectors involved. Nobody is exempt from the problem.

There is no single 'silver bullet' to address AMR.

What we need to tackle the AMR problem is an adaptive, multipronged approach involving many stakeholders – working locally, nationally, and globally – to attain optimal health for people, animals, and the environment.

What we need is a multidisciplinary approach, considering also the great diversity of social, economic, political, and cultural contexts in which AMR emerges or spreads.

What we need are strategies to increase awareness about AMR in order to implement more effective interventions.

Finally, what we need is a comprehensive and solidaristic model as the only solution for a problem that knows no borders.

To tackle AMR, antimicrobial effectiveness needs to be recognized as a fundamentally important global public good and governed accordingly. AMR is a challenge to global development.

Antimicrobial effectiveness must be looked upon as a limited global public good on the verge of becoming scarce, and the world has a collective responsibility to preserve it in order to avoid countless future victims of drug-resistant infections.

The COVID-19 pandemic has shown that despite all of our medical advances, we remain incredibly vulnerable to infections for which we have no therapies. However, it has shown that if

sufficiently motivated, we can make huge changes in short time frames. The COVID-19 pandemic has also created a renewed awareness of the importance of infectious diseases. It is a substantial entry point for reigniting the momentum toward containing the “silent pandemic” of AMR.

**Join us!**

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## SPEAKERS

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Afreenish Amir	(Pakistan)
Majdi Al-Hasan	(USA)
Obed Kwabena Offe Amponsah	(Ghana)
Bih Awazi	(Cameroon)
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Alessandro Cassini	(Switzerland)
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Fausto Catena	(Italy)
Leili Chamani-Tabriz	(United Arab Emirates)
Sujith J. Chandy	(International Centre for Antimicrobial Resistance Solutions)
Diana Chebet	(Kenya)
Federico Coccolini	(Italy)
Raul Coimbra	(USA)
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Robert Sawyer	(USA)
Jeremiah Seni	(Tanzania)
Edward Septimus	(USA)
Stefania Stefani	(Italy)
Pierre Tattevin	(Alliance for the Prudent Use of Antibiotics)
Constantinos Tsioutis	(Cyprus)
Fabio Tumietto	(Italy)
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