



CONTAINING THE 'SILENT PANDEMIC'

THE FUTURE AGENDA ON ANTIMICROBIAL RESISTANCE

March 22-24, 2021

1:30-5:30 PM Indian Standard Time (IST)

Online Platform: Zoom



Antibiotics are becoming ineffective in treating infectious diseases. The world is faced with the deadly silent pandemic of Antimicrobial Resistance (AMR), which is being seen as a cause of huge cumulative damage. Known to heavily impact low- and middle-income countries, AMR is a threat to global health, food safety, nutrition security, livelihood and attainment of Sustainable Development Goals. The global and national response to this crisis needs to be swifter, stronger and scaled up.

Centre for Science and Environment (CSE) is bringing together over 100 experts from across the two continents of Africa and Asia at a virtual global workshop to discuss the future agenda on containing this scourge through the One Health approach.

HIGHLIGHTS

26 participating countries

Over 125 experts (including about 60 AMR focal points)

More than 60 speakers

Discussants from 12 African countries

Botswana, Ethiopia, Ghana, Malawi, Mozambique, Namibia, Nigeria, South Africa, Tanzania, Uganda, Zambia and Zimbabwe

Discussants from 14 Asian countries

Afghanistan, Bangladesh, Bhutan, Cambodia, India, Iran, Malaysia, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Thailand and Vietnam

ON THE AGENDA

Implementation of National Action Plans

Political commitment and funding

National expectations from global governance

Role of civil society and media

AMR from food-production settings and environmental routes

SESSION 1

MARCH 22, 2021 | 1:30 TO 2:30 PM IST

Inaugural Session

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Sunita Narain

Director General, Centre for Science and Environment, India

One Health approach to fight AMR (10 min)

INAUGURAL ADDRESS (10 MIN EACH)

Roderico H Ofrin

WHO Representative to India

WHO India: Strategy and way ahead

Renu Swarup

Secretary, Department of Biotechnology, Ministry of Science and Technology, Government of India

Challenges of One Health AMR and way ahead

Vinod Paul

Member, NITI Aayog, Government of India

On the future agenda for One Health AMR

KEYNOTE ADDRESS (5 MIN EACH)

Haileyesus Getahun

Director of Global Coordination & Partnership and Director of Tripartite Joint Secretariat on AMR, Division of Antimicrobial Resistance, WHO

Tripartite action

Sujith Chandy

Professor, Department of Pharmacology and Clinical Pharmacology, Christian Medical College, India

Civil society role

Wrap up and vote of thanks (5 min)

Amit Khurana

Director, Food Safety and Toxins Programme, Centre for Science and Environment, India

2:30-2:45 PM BREAK

SESSION 2

MARCH 22, 2021 | 2:45 TO 4:15 PM IST

Effective Implementation of National AMR Action Plans (NAPs)

On implementation of NAPs, mainstreaming AMR in national healthcare agendas, and effective adoption of the One Health approach

FORMAT: PANEL DISCUSSION

CHAIR

Anuj Sharma

Technical Officer-AMR, Lab and IPC, WHO Country Office for India

LEAD PRESENTER (10 MIN)

Marc Mendelson

Co-chairperson of the Ministerial Advisory Committee on Antimicrobial Resistance, South Africa

PANEL DISCUSSANTS (5 MIN EACH)

Tapfumanei Mashe

AMR Coordinator, Medical Laboratory Scientist, National Microbiology Reference Laboratory, Zimbabwe

Watipaso Kasambara

Antimicrobial Resistance Coordinator, Public Health Institute of Malawi, Ministry of Health, Malawi

Bashiru Boi Kikimoto

Veterinary Public Health Specialist Consultant, Head of National Food Safety/AMR Reference Lab for Animal Health, AMR Technical Lead for Animal Health Veterinary Services, Ministry of Food and Agriculture, Accra, Ghana

Otridah Kapona

Head/Technical Manager-Zambia National Public Health Reference Laboratory, AMR National Focal Point & Coordinator, Laboratory Systems & Networks, Zambia National Public Health Institute, Zambia

Rajeshwari Sinha

Programme Manager, Food Safety and Toxins Programme, Centre for Science and Environment, India

Nithima Sumpradit

National AMR Focal Point, Food and Drug Administration, Ministry of Public Health, Thailand

Tep Benthay

Deputy Director, Department of Animal Health and Veterinary Public Health, General Directorate of Animal Health and Production, Ministry of Agriculture, Forestry and Fisheries, Cambodia

Jyoti Acharya

National Public Health Laboratory, Department of Health Services, Nepal

Wande Alimi

AMR Program Coordinator, Africa Centres for Disease Control and Prevention

Sujith Chandy

Professor, Department of Pharmacology and Clinical Pharmacology, Christian Medical College, India

Chadia Wannous

Regional One Health Officer, OIE Regional Representation for Africa

Open discussion and wrap up (15 min)

4:15-4:30 PM BREAK

SESSION 3

MARCH 22, 2021 | 4:30 TO 5:30 PM IST

Political Commitment and Funding to Contain AMR

On measures required for enhancing political commitment to contain AMR, and steps needed to increase funding/budgets at the national/regional/global levels

FORMAT: PANEL DISCUSSION

CHAIR

Anthony D So

Professor of the Practice, Director, IDEA Initiative and ReACT Strategic Policy Program, Department of International Health, Johns Hopkins Bloomberg School of Public Health, USA

PANEL DISCUSSANTS (5 MIN EACH)

Mirfin Mpundu

Director, ReAct Africa and ICARS Partnership & Stakeholder Engagement Lead for Africa, Zambia

Markus Moll

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Sundeep Sarin

Scientist G, Department of Biotechnology, Government of India, India

Percy Chimwamurombe

Professor of Biology, Namibia University of Science and Technology, Namibia

Suriya Wongkongkathep

Senior Advisor on AMR for the FDA, Senior Expert Committee Member in National Committee on AMR Policy, Ministry of Public Health, Thailand

Suraya Amir Husin

Senior Principal Assistant Director and Head, Infection Control Unit, Medical Development Division, Ministry of Health, Malaysia

Aninda Rahman

Deputy Program Manager-Antimicrobial Resistance, Viral Hepatitis, Diarrhoeal Diseases Control, Communicable Disease Control, Directorate General of Health Services, Bangladesh

Open discussion and wrap up (20 min)

SESSION 4

MARCH 23, 2021 | 1:30 TO 2:30 PM IST

Tackling Environmental AMR

On environmental AMR in NAPs, country-level preparedness and the resources required, waste management, hotspots and AMR, and the gaps in national/global technical guidances/standards

FORMAT: PANEL DISCUSSION

CHAIR

Timothy Jinks

Head of Drug Resistant Infections Priority Program, Wellcome Trust

LEAD PRESENTER (8 MIN)

Rajeshwari Sinha

Programme Manager, Food Safety and Toxins Programme, Centre for Science and Environment, India

PANEL DISCUSSANTS (4 MIN EACH)

Slyvia Yomisi

Head, Environmental Management Agency Laboratory, AMR Focal Point for Environment, Zimbabwe

Jewel Kudjawu

Acting Director, Natural Resource Department, National AMR Focal Point, Environmental Protection Agency, Ghana

Noor Haza Fazlin Hashim

Research Officer, National Water Research Institute Malaysia, Ministry of Environment and Water, Malaysia

Jackie Miamin

Chief Executive Officer, Independent Community Pharmacy Association, South Africa

Will Gaze

Professor of Microbiology, European Centre for Environment and Human Health, University of Exeter Medical School, UK

Jacqueline Alvarez

Head, Knowledge and Risk Unit, Chemicals and Health Branch, Economy Division, United Nations Environment Programme

Kate Medicott

Team Leader - Sanitation and Wastewater, Water, Sanitation, Hygiene and Health Unit, WHO

Shaikh Z Ahammad

Associate Professor, Department of Biochemical Engineering and Biotechnology, IIT Delhi, India

Nicolai Schaaf

Programme Manager, Stockholm International Water Institute, Sweden

Suman Sharma

Director, Sustainable Antibiotics and Brand Communications, Centrient Pharmaceuticals, India

Open discussion and wrap up (5 min)

2:30-2:45 PM BREAK

SESSION 5A

MARCH 23, 2021 | 2:45 TO 4:15 PM IST

AMR from Food-production Settings (Livestock, Aquaculture, Crops) – Part I

On the reality of growth promoter use/phase-out in countries, the need to preserve critically important antimicrobials (CIAs), and the need for food-systems transformation and preventative approach as a solution

FORMAT: PANEL DISCUSSION

CHAIR

Sunita Narain

Director General, Centre for Science and Environment, India

LEAD PRESENTER (10 MIN)

Cóilín Nunan

Scientific Adviser, Alliance to Save Our Antibiotics, UK

PANEL DISCUSSANTS (4 MIN EACH)

Varsha Joshi

Chairperson, National Dairy Development Board, India

Moritz van Vuuren

Co-chairperson of the Ministerial Advisory Committee on Antimicrobial Resistance, South Africa

Mwapu Ndahi

National AMR Focal Point, Department of Veterinary and Pest Control Services, Federal Ministry of Agriculture and Rural Development, Nigeria

Alicia A Layson

Head, Registration, Licensing and Certification Section, Animal Feeds, Veterinary Drugs and Biologics Control Division, Bureau of Animal Industry, Philippines

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National AMR focal point, Ministry of National Food Security and Research, Pakistan

Rohaya binti Mohd Ali

National AMR Focal Point, Ministry of Agriculture and Food Industries, Malaysia

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Programme Officer, Food Safety and Toxins Programme, Centre for Science and Environment, India

Sagari Ramdas

Food Sovereignty Alliance, India

Gyanendra Gongal

WHO Regional Adviser for Food Safety, WHO Regional Office for South-East Asia

Mark Obonyo

AMR Regional Coordinator and Technical Consultant for Zimbabwe, FAO Sub-regional Office for Southern Africa

Kinzang Dukpa

Regional Project Coordinator, OIE Regional Representation for Asia and the Pacific

Philip Taylor

Center for Agriculture and Bioscience International, UK

Open discussion and wrap up (20 min)

4:15-4:30 PM BREAK

SESSION 5B

MARCH 23, 2021 | 4:30 TO 5:30 PM IST

AMR from Food-production Settings (Livestock, Aquaculture, Crops) – Part II

On the need to address the disease preventative use of antibiotics in food-animals to effectively contain AMR, reflections on initiatives, ground realities and feasibility, the need to push the global agenda to address disease preventative use, which is missing

FORMAT: PANEL DISCUSSION

CHAIR

Varsha Joshi

Chairperson, National Dairy Development Board, India

LEAD PRESENTER (8 MIN)

Amit Khurana

Programme Director, Food Safety and Toxins Programme, Centre for Science and Environment, India

PANEL DISCUSSANTS (4 MIN EACH)

Steven Roach

Food Safety Program Director, Food Animal Concerns Trust, USA

Karl Pedersen

Head of Section, Department of Animal Health and Antimicrobial Strategies, National Veterinary Institute, Sweden

Nitya Ghotge

Director, Anthra, India

Cóilín Nunan

Scientific Adviser, Alliance to Save Our Antibiotics, UK

Habibar Rahman

Regional Representative, South Asia, International Livestock Research Institute

Alexandra Vokaty

Team Lead, Communicable Diseases, WHO Country Office for India

Ólafur Valsson

AMR Liaison Officer, Antimicrobial Resistance and Veterinary Products Department, OIE

Emmanuel Kabali

AMR project coordination and technical support specialist, FAO

Amit Balyan

Associate Professor, Sardar Vallabh Bhai Patel University of Agriculture and Technology, Uttar Pradesh, India

Canaan Tinashe Hodobo

Molecular Biology, TBD Vaccine Research & Production, Coordinator of AMR surveillance, AMR focal point for Animal health, Central Veterinary Laboratory, Zimbabwe

Open discussion and wrap up (5 min)

SESSION 6

MARCH 24, 2021 | 1:30 TO 2:30 PM IST

Role of Civil Society, Consumers and Media in Containing AMR

On representation and role of civil society and consumer groups in global governance and national governance/implementation, role of media in increasing awareness and pressure to push for change, and country-level reflections

FORMAT: PANEL DISCUSSION

CHAIR

Rajeev Sadanandan

Chief Executive Officer, Health Systems Transformation Platform; Former Additional Chief Secretary (Health), Kerala

PANEL DISCUSSANTS (4 MIN EACH)

Asnakech Alemu

Director, Product Safety Directorate, Ethiopian Food and Drug Authority, Ethiopia

Johanna B Mallari

Pharmacist IV, Pharmaceutical Division, Health Regulation Team, Department of Health, Philippines

Dooshima Kwange

CEO, Tesedona Foundation for Animal Health, Nigeria

Tapiwanashe Kujinga

Director of the Pan-African Treatment Access Movement & Chair, Technical Working Group on Education and Awareness, AMR Core Group, Zimbabwe

Onche Odeh

Senior Science Journalist, Nigeria

Souparno Banerjee

Senior Director, Outreach and Publications, Centre for Science and Environment, India

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Coordinator, Development, Innovation and Intellectual Property Programme, South Centre, Switzerland

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Assistant Professor, Department of Community Medicine, Aligarh Muslim University, India

Jyoti Joshi

Head-South Asia, Center for Disease Dynamics, Economics and Policy and Adjunct Professor, Amity Institute of Public Health, Amity University, Noida, India

Niyada Kiatying-Angsulee

Drug System Monitoring & Development Program, Chulalongkorn University, Thailand

Ashok J Tamhankar

National Coordinator, Indian Initiative for Management of Antimicrobial Resistance, India

Open discussion and wrap up (10 min)

2:30-2:45 PM BREAK

SESSION 7

MARCH 24, 2021 | 2:45 TO 4:15 PM IST

Country-level Expectations from Global Governance

On the ways countries could be benefitted through agencies/groups such as the Global Leaders Group on AMR, the Tripartite, United Nations Environment Programme, proposed Independent Panel on Evidence for Action Against AMR, and other governance/technical/financial agencies

FORMAT: PANEL DISCUSSION

CHAIR

Carlos María Correa

Executive Director, South Centre, Switzerland

PANEL DISCUSSANTS (6 MIN EACH)

P V Makaya

Director-Division of Veterinary Technical Services, Department of Veterinary Services, Zimbabwe

Sabiha Essack

South African Research Chair in Antibiotic Resistance & One Health, Professor of Pharmaceutical Sciences and Director, AMR Unit, College of Health Sciences, University of KwaZulu-Natal, South Africa

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Divya Singh

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Open discussion and wrap up (20 min)

4:15-4:30 PM BREAK

SESSION 8

MARCH 24, 2021 | 4:30 TO 5:30 PM IST

Concluding Session

[Click for the livestream](#)

CHAIR

Sunita Narain

Director General, Centre for Science and Environment, India

KEY TAKEAWAYS FROM WORKSHOP (6 MIN EACH)

Session 2: Effective Implementation of National AMR Action Plans

Chair: Anuj Sharma

Technical Officer-AMR, Lab and IPC, WHO Country Office for India

Session 3: Political Commitment and Funding to Contain AMR

Chair: Anthony D So

Professor of the Practice Director, IDEA Initiative and ReACT Strategic Policy Program, Department of International Health, Johns Hopkins Bloomberg School of Public Health, USA

Session 4: Tackling Environmental AMR

Chair: Timothy Jinks

Head of Drug Resistant Infections Priority Program, Wellcome Trust

Session 5A: AMR from Food-production Settings (Livestock, Aquaculture, Crops) – Part I

Chair: Sunita Narain

Director General, Centre for Science and Environment, India

Session 5B: AMR from Food-production Settings (Livestock, Aquaculture, Crops) – Part II

Chair: Varsha Joshi

Chairperson, National Dairy Development Board, India

Session 6: Role of Civil Society, Consumers and Media in Containing AMR

Chair: Rajeev Sadanandan

Chief Executive Officer, Health Systems Transformation Platform; Former Additional Chief Secretary (Health), Kerala (To be presented on his behalf)

Session 7: Country-level Expectations from Global Governance

Chair: Carlos María Correa

Executive Director, South Centre, Switzerland (To be presented on his behalf)

KEY TAKEAWAYS FROM THE PERSPECTIVE OF TRIPARTITE (6 MIN)

Haileyesus Getahun

Director of Global Coordination and Partnership and Director of Tripartite Joint Secretariat on AMR, Division of Antimicrobial Resistance, WHO

CONCLUDING REMARKS

Sunita Narain

Director General, Centre for Science and Environment, India

DISCUSSANTS

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