



McGill

Summer Institutes in Global Health



Antimicrobial Resistance (AMR)

HYBRID | JUNE 8-10, 2023



Antimicrobial Resistance

June 8-10, 2023

Agenda

Time

8:00-8:30AM

DAY 1 AGENDA | THURSDAY, JUNE 8

Registration

Theme: Burden of AMR, diagnostics

8:30-8:45AM

Welcome

Makeda Semret; Erika Vlieghe; Dao Nguyen

8:45-9:15AM

An overview of AMR: have we made progress?

Heiman Wertheim (Zoom)

9:15-9:45AM

Vaccination and its impact on AMR

Isaac Bogoch

9:45-10:15AM

Bacteriology testing: an overview on the state of implementation

Cedric Yansouni

10:15-10:30AM

Break

10:30-11:00AM

New approaches to making blood cultures accessible in LRS and their impact on AMR

Liselotte Hardy (Zoom)

11:00-11:30AM

Rapid detection of blood stream infections: it's all in the signaling!

Pierre Marcoux (Zoom)

11:30AM-12:30PM

Panel discussion

Heiman Wertheim, Isaac Bogoch, Liselotte Hardy, Pierre Marcoux, Olumide Ajimbola, Nuttada Panpradist

12:30-1:30PM

Lunch

1:30-2:00PM

Implementing clinical bacteriology for AMR in LMICs: A real-life costing analysis

Olumide Ajimbola

2:00-2:30PM

Bringing new platforms to market: what can we learn from novel low-cost testing for HIV-Resistance?

Nuttada Panpradist

2:30-3:00PM	HiPR-FISH technology: hyper-cool uses for AMR? Matthew Cheng
3:00-3:30PM	<i>Break</i>
3:30-4:15PM	Emergence and spread of resistance: the story of BLA-NDM for Acinetobacter to Enterbaterales Louis-Patrick Haraoui

Time	DAY 2 AGENDA FRIDAY, JUNE 9
	Theme: Interventions for AMR
7:45-8:00AM	Welcome and introductions to day 2: overview of topics/speakers Makeda Semret; Erika Vlieghe; Dao Nguyen
8:00-8:30AM	AMR emergence in hospitalized patients: differential impacts from IPC and Stewardship Jorg Janne Vehreschild (Zoom)
8:30-9:00AM	Quality indicators for stewardship: less is more? Jeroen Schouten (Zoom)
9:00-9:30AM	Determining appropriateness of antimicrobial use—Do the experts agree? Annika Classen (Zoom)
9:30-9:45AM	<i>Break</i>
9:45-10:15AM	Antimicrobial stewardship: programmatic lessons from British Columbia Victor Leung (Zoom)
10:15-10:45AM	Implementation of antimicrobial stewardship in LMICs: the hub and spoke model of Vellore, India Priscilla Rupali (Zoom)
10:45-11:45AM	Panel discussion Priscilla Rupali, Victor Leung, Annika Classen, Getachew Alemkere
11:45-1:00PM	<i>Lunch</i>
1:00-1:30PM	Case studies from AMU surveillance (GPPS) Ines Pauwels (Zoom)
1:30-2:00PM	Interventions for community use of antibiotics in LRS Brecht Ingelbeen
2:00-2:30PM	Febrile illnesses in children in LRS: challenges and opportunities Bieke Tack
2:30-2:45PM	<i>Break</i>
2:45-3:15PM	Stewardship in the agri-food industry: does it impact human health? Simon Dufour
3:15-3:30PM	Infection prevention and control: beyond WASH? Yves Longtin

Time

DAY 3 AGENDA | SATURDAY, JUNE 10

Theme: Informing action – plans and innovations

8:30-8:45AM

Welcome and introductions to day 3: overview of topics/speakers

Makeda Semret; Erika Vlieghe; Dao Nguyen

8:45-9:15AM

Analysis of National Action Plans: gaps and opportunities

Esmita Charani (Zoom)

9:15-9:45AM

Informing local action: the ADILA project – TBC

9:45-10:15AM

The WHO AWaRE Handbook – from concept to limitations

Veronica Zanichelli

10:15-10:30AM

Break

10:30-11:00AM

When reserve exceeds access: case study of Cefazolin access in Ethiopia

Getachew Alemkere

11:00AM-12:00PM

Panel discussion

Esmita Charani, Veronica Zanichelli, Getachew Alemkere, Jen Ronholm, Bastien Castagner, Dao Nguyen

12:00-1:00PM

Lunch

1:00-1:30PM

Alternatives to antibiotics in farm animals?

Jen Ronholm

1:30-2:00PM

Modulating the gut microbiome - more than a pipe dream

Bastien Castagner

2:00-2:30PM

Evolution and ecology of AMR

2:30-3:00PM

Novel concepts in bacterial ecosystems

Dao Nguyen

3:00-3:15PM

Break

3:15-3:35PM

Summary and key lessons from the course

Makeda Semret; Erika Vlieghe; Dao Nguyen

3:35-4:15PM

Course evaluations/feedback