



McGill

McGill Summer Institute in
Infectious Diseases and
Global Health

MCGILL UNIVERSITY • MONTREAL • JUNE 12-14, 2019

ANTIMICROBIAL RESISTANCE

DAY 1

Wed • June 12

8:30AM – 5:00PM

Overview and
diagnostics for AMR

DAY 2

Thurs • June 13

8:30AM – 4:45PM

Clinical
interventions &
educational
initiatives

DAY 3

Fri • June 14

9:00AM – 4:45PM

Public health,
governance, &
urgent research
questions

HOSTS



McGill



GLOBAL
HEALTH
PROGRAMS



A PAHO/WHO Collaborating Centre for Tuberculosis Research



McGill

M[i]⁴

Interdisciplinary Initiative in
Infection and Immunity

Institut de
recherche
Centre universitaire
de santé McGill



Research
Institute
McGill University
Health Centre

Infectious Diseases and Immunity in Global Health Program
Programme en maladies infectieuses et immunité en santé mondiale

Course Location: Centre Mont Royal, 2200 rue Mansfield, 3rd Floor

*Faculty and speaker information is available in the *Ukova* event app*

DAY 1 AGENDA

Wednesday, JUNE 12

Time	
8:30 – 9:00AM	<i>Registration</i>
9:00 – 9:10AM	Welcome Makeda Semret, Erika Vlieghe, Nitika Pant Pai, & Cedric Yansouni
9:10 – 9:40AM	AMR: a global overview Heiman Wertheim
9:40 – 10:00AM	Rapid tests for febrile syndromes: the problem or a solution? Emmanuel Bottieau
10:00 – 10:30AM	<i>Coffee Break</i>
10:30 – 11:00AM	A primer on MDRO: focus on phenotypes or on genotypes? Christian Lavallée
11:00 – 12:00PM	Panel discussion: What are the critical diagnostic needs for AMR? Jennifer Osborn, Christian Lavallée, Heiman Wertheim, Emmanuel Bottieau, Peter Dailey <i>Moderator: Cedric Yansouni</i>
12:00 – 12:10PM	<i>Group photo</i>
12:10 – 1:00PM	<i>Lunch</i>
1:00 – 1:20PM	Lab strengthening in LRS: the Ethiopian example Makeda Semret & Cedric Yansouni
1:20 – 2:00PM	Innovations in diagnostics for LRS: a case example in Vietnam Heiman Wertheim
2:00 – 2:45PM	Panel Discussion: Challenges and opportunities for lab strengthening within health systems Wondossen Tsegaye, Cedric Yansouni, Trevor Peter, Madhukar Pai, Michael Libman, Jane Carter <i>Moderator: Makeda Semret</i>
2:45 – 3:15PM	<i>Coffee Break</i>
3:15 – 3:45PM	Accelerating diagnostics: CARB-X and other initiatives Jennifer Osborn
3:45 – 4:15PM	Drug tolerance vs drug resistance: threat and opportunity Dao Nguyen
4:15 – 5:00PM	Wrap-up Global Health Diagnostics
5:30 – 7:30PM	Summer Institute Reception Venue: SLK Rd 2042A, Rue Peel, Montreal, QC H3A 2R4 Food and non-alcoholic drinks free. Alcoholic drinks for purchase.

DAY 2 AGENDA

Thursday, JUNE 13

Time	
8:30 – 9:00AM	AMR in hospitals: a complex interaction Jorg Janne Vehreschild
9:00 – 9:30AM	Infection prevention and control for AMR containment in Canada Yves Longtin
9:30 – 10:00AM	Stewardship interventions in LRS: same but different? Makeda Semret & Erika Vlieghe
10:00 – 10:30AM	<i>Coffee Break</i>
10:30 – 11:00AM	Antibiotic use in primary care: lessons from mystery patient studies in 4 countries Madhukar Pai
11:00 – 11:30AM	Understanding prescribing behavior: an ecological perspective Eili Klein
11:30 – 12:00PM	Panel discussion: IPC and ASP - how can we prioritize? Yves Longtin, Jorg Janne Vehreschild, Coralith Garcia, Louis Valiquette, Mark Miller, Darryl Vine <i>Moderator: Makeda Semret & Erika Vlieghe</i>
12:00 – 1:00PM	<i>Lunch</i>
1:00 – 1:30PM	Global Surveillance of AMU and IPC: successful integration of the G-PPS project Mark Miller
1:30 – 2:00PM	Bridging the gap towards AI: the role of clinical decision support tools Louis Valiquette
2:00 – 2:30PM	Selling AMS programs to the upper echelons: it's HOW you ask Yoshiko Nakamachi
2:30 – 3:00PM	<i>Coffee Break</i>
3:00 – 3:45PM	Open access courses for AMS: Educational needs and opportunities Dilip Nathwani (pre-recorded lecture)
3:45 – 4:45PM	Panel discussion: Online learning and e-guidelines for AMR: can they work? Heiman Wertheim, Eili Klein, Louis Valiquette, Gebremedhin Beedemariam, Jane Carter, Tien Nguyen <i>Moderator: Erika Vlieghe</i>

DAY 3 AGENDA

Friday, JUNE 14

Time	
9:00 – 9:30AM	The One-Health perspective in an era of fragmented healthcare Peter Dailey
9:30 – 10:00AM	Armed conflicts and AMR: a deadly convergence Louis-Patrick Haraoui
10:00 – 10:30AM	Characterizing an outbreak when resources are scarce: Peru Coralith Garcia
10:30 – 11:00AM	<i>Coffee Break</i>
11:00 – 11:30AM	What can we learn from vertical programs in a cross-sectoral issue: perspectives from the UN Haileyeus Getahun
11:30 – 12:00PM	Targeted vs mass treatments: The debate one year post-MORDOR Jeff Pernica and David Goldfarb
12:00 – 1:00PM	<i>Lunch</i>
1:00 – 1:30PM	AMR Governance structures: gaps, challenges and strengths Bersabel Ephrem
1:30 – 2:00PM	Panel discussion: Advocating for AMR containment-best practices? Bersabel Ephrem, LP Haraoui, Haileyeus Getahun, Peter Dailey, Senait Kebede <i>Moderator: Makeda Semret & Erika Vlieghe</i>
2:00 – 2:30PM	<i>Coffee Break</i>
2:30 – 2:50PM	Implementing successful clinical research programs during outbreaks in LRS: is the Ebola experience relevant? Piero Oliaro
2:50 – 4:20PM	Panel discussion: What are the urgent research questions in AMR containment? Heiman Wertheim, Tanya Applegate, Jeff Pernica, Dave Goldfarb, Mark Miller, Coralith Garcia, Piero Oliaro <i>Moderator: Makeda Semret & Erika Vlieghe</i>
4:20 – 4:45PM	Wrap up/Closing remarks and an invitation from MI4 Marcel Behr, Makeda Semret, and Erika Vlieghe

FUNDERS



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