




McGill | McGill Summer Institute in
 Infectious Diseases and
 Global Health
 MCGILL UNIVERSITY • MONTREAL • JUNE 10-12, 2019

GLOBAL HEALTH DIAGNOSTICS

DAY 1	DAY 2	DAY 3
Mon • June 10	Tues • June 11	Wed • June 12
8:30AM – 5:00PM	9:20AM – 5:00PM	9:00AM – 5:00PM

HOSTS



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
Course readings and presentations: Link to be added

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

DAY 1 AGENDA

MONDAY, JUNE 10

Time

8:30-9:00AM

9:00-10:00AM

10:00-10:30AM

10:30-11:00AM

11:00-11:40AM

11:40-12:30PM

12:30-1:30PM

1:30-2:00PM

2:00-3:00PM

3:00-3:30PM

3:30-4:15PM

4:15-5:00PM

Registration

Welcome & Global Health Diagnostics: The Big Picture

Nitika Pant Pai and Cedric Yansouni

Patient voices : why diagnosis matters

TBA

Moderator : Nitika Pant Pai

Coffee Break

Beyond the multiplex test—toward multiplexed diagnostics platforms for health center in LRS

Peter Dailey

Product Developer Panel

Industry representatives and course faculty

Moderator: Cedric Yansouni

Lunch and optional working groups

Lessons learnt from diagnostics implementation at a national-level in Mozambique

Ilesh Jani

Using technology to strengthen data-driven decision making

Rigveda Kadam

Coffee Break

Connected Diagnostics

Nitika Pant Pai

Current status of the Global Security Health Agenda

Trevor Peter

DAY 2 AGENDA

TUESDAY, JUNE 11

Time

9:20-10:00AM

Complexity of Multiplexing: from Individual Clinical Decision Making to Population Epidemiology

Christine Rousseau

10:00-10:30AM

Implementation of POCTs for Hepatitis B/C in the Asia Pacific: research priorities to scale up access

Tanya Applegate

10:30-11:15AM

Coffee Break

11:15-12:00PM

Point-of-care for hard-to-reach populations: examples and challenges from Canada

Cedric Yansouni & David Goldfarb

Moderator: Nitika Pant Pai

12:00-1:00PM

Supply Chain

Prashant Yadav (TBC)

1:00-1:45PM

Lunch and optional working groups

1:45-2:15PM

Essential Diagnostics List Panel

Madhukar Pai, Lee Schroeder, Trevor Peter

Moderator: Cedric Yansouni

2:15-3:00PM

Enteric Diagnostics Landscape and Pipeline

Rashidul Haque

3:00-3:30PM

Panel: Which Technology do we implement to reduce mortality from diarrhea in LRS

Rashidul Haque, David Goldfarb, Jeff Pernica, Yves Germani, Peter Dailey, Christine Rousseau

Moderator: Cedric Yansouni

3:30-4:00PM

Coffee Break

4:00-5:00PM

TECH PITCH

Product developers will pitch their product ideas & get feedback
(Companies are being confirmed)

DAY 3 AGENDA

WEDNESDAY, JUNE 12

Time	
9:00 – 9:10AM	Welcome Makeda Semret, Erika Vlieghe, Nikita 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 (TBC)
10:00 – 10:30AM	<i>Coffee Break</i>
10:30 – 11:00AM	A primer on MDRO: focus on phenotypes or on genotypes? Christian Lavallee
11:00 – 12:00PM	Panel discussion: What are the critical diagnostic needs for AMR? Jennifer Osborn, Christian Lavallee, Heiman Wertheim, Peter Dailey <i>Moderator: Cedric Yansouni</i>
12:00 – 1:00PM	<i>Group photo and 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 Semaria Solomon, 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: CARBA-X and other initiatives Jennifer Osborn
3:45 – 4:15PM	Characterising an outbreak when resources are scarce: Peru Coralith Garcia
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.