



McGill

**McGill Summer Institute in
Infectious Diseases and
Global Health**

MCGILL UNIVERSITY • MONTREAL • JUNE 11-15, 2018

GLOBAL HEALTH DIAGNOSTICS

DAY 1

DAY 2

DAY 3

DAY 4

DAY 5

Mon • June 11

Tues • June 12

Wed • June 13

Thurs • June 14

Fri • June 15

8:00AM – 5:00PM

9:00AM – 5:30PM

9:00AM – 5:10PM

9:00AM – 5:00PM

9:00AM – 3:15PM

Patient voices, Product development, R&D, Diagnostic needs and regulation

HIV & chronic viral infection diagnostics, Tech Pitch

STBBIs, Global Health Security, Global Alliance, mHealth, Supply Chain, Pathology labs, Fever

Malaria, Emerging Infections, Respiratory Infections, Enteric Infections, Essential Diagnostics List

NTDs & Antimicrobial resistance

HOSTS



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GLOBAL HEALTH PROGRAMS

PROGRAMMES DE SANTÉ MONDIALE

Centre international de TB McGill



McGill International TB Centre



MacLean Centre for Tropical Diseases
McGill University

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*



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Interdisciplinary Initiative in Infection and Immunity

Course Location: Centre Mont Royal, 2200 rue Mansfield, 3rd Floor
Course readings and presentations: http://bit.ly/GHdiagnostics_18

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



DAY 1 AGENDA

MONDAY, JUNE 11

Time

8:00AM

8:30-9:00AM

9:00-9:40AM

9:40-10:25AM

10:25-10:55AM

10:55-11:40AM

11:40AM-12:30PM

12:30-1:30PM

1:30-2:30PM

2:30-3:15PM

3:15-4:00PM

4:00-5:00PM

5:15PM

Registration

Welcome, Introduction, Goals

Global Health Diagnostics: The big picture

C Yansouni, N Pant Pai & M Pai

Patient & Community Voices: Why timely and accurate diagnosis matters?

Moderator: N Pant Pai

Panelists:	T Norris (HPV Awareness)	B Gay (Treatment Action Group)
	S Rane	K Monteith (COCQ-SIDA)
	D Thompson & S Vicente (REZO)	H Bissonnet (Centre SIDA Amitié)

Coffee Break

Panel Discussion: What are the critical diagnostic needs in resource-limited countries?

Moderator & Presenter: C Yansouni

Panelists:	T Peter	E Fajardo
	K Walia	E Emeka
	N Correa	J Arturo Martinez
	C Ugarte Gil	

Panel Discussion: How are product developers addressing needs & what barriers do they face?

Moderator: C Yansouni

Panelists:	V Kulkarni	D Duncan
	V Jonas	D Blair
	L Hattingh	M Miller

Lunch

Panel Discussion: Re-imagining the role of centralized testing in LMICs: New priorities, connectivity, specimen transport, and beyond

Moderator & Presenter: C Yansouni

Panelists:	S Vishwanath	J Broadhurst
	L Schroeder	S Badman
	C Nair	G Graham

Coffee Break

Global Health Security: What is the role of diagnostics?

T Peter

Evaluating Novel Diagnostics During Outbreaks

J Broadhurst

Group Picture

Welcome Reception | 6:00-7:30PM | Venue: Notman House / Osmo Cafe
(51 Sherbrooke St W, Montreal, H2X 1X2)
10 min walk on Sherbrooke—Food and non-alcoholic drinks free. Alcoholic drinks for purchase.

DAY 2 AGENDA

TUESDAY, JUNE 12

Time

9:00-9:45AM

HIV Diagnostics: Landscape, pipeline, priorities & market

T Peter

9:45-10:30AM

Alternative technologies & strategies for HIV diagnosis

J Kim

10:30-11:00AM

Coffee Break

11:00-11:30AM

HIV Self testing: from policy to scale up

N Pant Pai

11:30AM-12:00PM

Measuring HIV: monitoring, resistance & adherence

P Drain

12:00-1:00PM

Lunch

1:00-1:40 PM

Using Implementation Science to enhance the impact of POC tests

S Badman

1:40-2:30PM

Multi-disease testing platforms: how can we optimize their impact?

P Dailey

2:30-3:00PM

Coffee Break

3:00-4:00PM

Panel Discussion: Elimination of STBIs: role for diagnostics

Moderator: N Pant Pai

Panelists:

D Blair

S Badman

T Applegate

P Drain

J Kim

FJ Louis

4:00-5:30PM

TECH PITCH

Product developers will pitch their product ideas and get candid feedback.

Moderator: C Yansouni

DNA GenoTek
bioMerieux

Cepheid
Genedrive PLC

Abbott
GenePOC

Blink AG
Roche

DAY 3 AGENDA

WEDNESDAY, JUNE 13

Time	
9:00-9:30AM	Diagnostics for Acute Febrile Illness: landscape, pipeline, priorities & market K Galluzzo (via Zoom)
9:30-10:30AM	Panel Discussion: Acute Febrile Illness: needs and priorities Moderator: C Yansouni Panelists: A Tenna D Pillai S Jane Lee J Pernica K Walia J Moreira
10:30-11:00AM	<i>Coffee Break</i>
11:00-11:40AM	HPV prevention: reaching 90-90-90 by 2030 M Steben
11:40AM-12:10PM	Exploring the Case for a Global Alliance for Medical Diagnostics P Drain
12:10-1:10PM	<i>Lunch</i>
1:10-1:50PM	Pathology and Laboratory Medicine in LMICs: Lancet Series J Flanigan
1:50-2:20PM	Supply Chain Management for Global Health Dx P Yadav (via Zoom)
2:20-3:15 PM	Panel Discussion: mHealth, connected diagnostics, AI & big data- where are we? Moderator: N Pant Pai Panelists: J Baker M Semret R Sagal T Peter E Fajardo C Nair
3:15- 3:40PM	Regulation of Diagnostics: Challenges and Opportunities R Peeling (via Zoom)
3:40-4:00PM	<i>Coffee Break</i>
4:00-4:40PM	Diagnostics Hepatitis Diagnosis: landscape, pipeline, priorities & market E Fajardo
4:40-5:10PM	Hepatitis: Lessons from the field T Applegate

DAY 4 AGENDA

THURSDAY, JUNE 14

Time	
9:00-9:45AM	Malaria Diagnostics: Landscape, pipeline, priorities & market D Pillai
9:45-10:00AM	Malaria Diagnostics: Q&A session
10:00-10:30AM	<i>Coffee Break</i>
10:30-11:15AM	Diagnosis of acute respiratory viral infections J Papenburg
11:15AM-12:00PM	TB Diagnostics: Landscape, pipeline, priorities & market M Pai
12:00-1:00PM	<i>Lunch</i>
1:00-1:45 PM	The last mile challenge of diagnostics: case study of TB testing in remote Peruvian communities C Ugarte-Gil
1:45-2:40PM	Diagnostics for enteric infections: Landscape and key questions D Goldfarb
2:40-3:10PM	<i>Coffee break</i>
3:10-3:55PM	Panel Discussion: Diagnostics for enteric infections: New paradigm, new attitudes? Moderator: C Yansouni Presenter: J Pernica Panelists: D Goldfarb C Kelly M Libman J Pernica K Walia
3:55-5:00PM	Panel Discussion: Essential Diagnostics List: how can we maximize impact? Moderator: M Pai Presenters: • WHO EDL : Progress and Challenges M Pai • India's EDL process K Walia • Aligning EML with EDL L Schroeder

DAY 5 AGENDA

FRIDAY, JUNE 15

Time	
9:00-9:45AM	NTD Diagnostics: Landscape, pipeline, priorities & market C Yansouni
9:45-10:15AM	Diagnostics for Filarial and Strongyloides Infections T Nutman
10:15-10:45AM	<i>Coffee Break</i>
10:45-11:30AM	Panel Discussion: NTDs: Unmet needs and priorities Moderator: C Yansouni Panelists: G Matlashewski M Libman T Gyorkos T Nutman K Walia C Ugarte-Gil
11:30AM-12:00PM	Diagnostics for Chagas Disease in 2018 M Ndao
12:00-1:00PM	<i>Lunch</i>
1:00 -1:30PM	Challenges of developing diagnostic products for AMR and outbreaks C Kelly
1:30-2:15PM	How industry is tackling diagnostics for antimicrobial resistance M Miller
2:15-3:15PM	Panel Discussion: Diagnostics for antimicrobial resistance Moderator: C Yansouni Presenter: Erika Vlieghe Panelists: E Vlieghe M Semret M Miller C Kelly S Badman K Walia
3:15PM	<i>Course evaluations and feedback</i> C Yansouni

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