



McGill

McGill Summer Institute in
Infectious Diseases and
Global Health

MCGILL UNIVERSITY • MONTREAL • JUNE 18-22, 2018

ADVANCED TB DIAGNOSTICS

DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
Mon • June 18	Tues • June 19	Wed • June 20	Thurs • June 21	Fri • June 22
8:00AM – 5:10PM	9:00AM – 5:15PM	9:00AM – 5:10PM	9:00AM – 5:30PM	9:00AM – 1:15PM
Patient voices, global value chain, pipeline, TB diagnostics R&D	TPPs, new tools, TB Tech Pitch	Implementation research, qualitative research	Meta-analysis, GRADE, guidelines, quality improvement, advocacy	Modeling, cost effectiveness

HOSTS



GLOBAL HEALTH PROGRAMS | PROGRAMMES DE SANTÉ MONDIALE



McGill International TB Centre



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



Interdisciplinary Initiative in Infection and Immunity

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

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

DAY 1 AGENDA

MONDAY, JUNE 18

Time

8:00AM

Registration

8:30-9:00AM

Welcome, introductions, goals

9:00-9:30AM

The struggle to get diagnosed: Why diagnosis matters to patients
I Schoeman, S Rane, R Herrera

9:30-10:30AM

TB diagnostics: the big picture
M Pai

10:30-11:00AM

Coffee Break

11:00AM-12:00PM

Panel Discussion: Scale-up of WHO-endorsed diagnostics —Country experiences & challenges

Moderator: M Pai

Panelists:	S Khaparde	J Ngozo	C Garfin
	EU Elom	K Kim Eam	
	M Kamene	Z Ndlovu	

12:00-1:00PM

Lunch

1:00-1:50PM

TB Diagnostics Pipeline & Landscape & TPPs
C Denkinger

1:50-2:45PM

Panel Discussion: Can industry and donors fill the gaps?

Moderator: J Gallarda

Panelists:	N Rozen-Adler	A Piatek	C Denkinger
	L Tisi	R Prieur	H AlMossawi

2:45-3:20PM

Coffee Break

3:20-3:40PM

Resources for product developers: TB Dx Critical Pathway, Pipeline Tracker & beyond
A Suresh

3:40-4:10PM

New TB drugs and regimens: where are we headed?
S Malhotra

4:10-5:10PM

Panel Discussion: Aligning the emerging TB drug and diagnostic pipelines

Moderator: M Pai

Panelists:	J Gallarda	C Denkinger
	S Khaparde	S Malhotra
	M Kamene	C Garfin

5:10-5:20PM

Group Picture

6:00-7:30PM

Welcome Reception

Venue: Notman House (51 Sherbrooke St W, Montreal QC, H2X 1X2)

10 min walk on Sherbrooke—Food and non-alcoholic drinks free. Alcoholic drinks for purchase.

DAY 2 AGENDA

TUESDAY, JUNE 19

Time

9:00-9:45AM

How feasible is a \$5 POC molecular test?

J Gallarda

9:45-10:15AM

Urine LAM detection: what is the future?

E Moreau

10:15-10:45AM

Coffee Break

10:45-11:15AM

Triage testing: approaches to generating evidence

R Nathavitharana

11:15-11:45AM

Chest radiology & CAD as triage

C Denkinger

11:45AM-12:15PM

CRP as triage

C Yoon

12:15-1:00PM

Lunch

1:00-2:30PM

Debate: Is the TB field ready for routine use of NGS?

Absolutely: V Nikolayevskyy **Not quite:** R Lee

Panel discussion moderated by
A Suresh

Voices from the field & industry: R Sarin, EU Elom, M
Kamene, C Garfin, K England, L Tisi

2:30-3:00PM

QFT-Plus: what is the evidence?

N Banaei (via Zoom)

3:00-3:30PM

Coffee Break

3:30-4:00PM

Do we need a GAVI for diagnostics?

J Gallarda

4:00-5:15PM

TB TECH PITCH

Product developers will pitch their product ideas & get feedback

DNA GenoTek

ProteinLogic

Oxford Immunotec

QuantumDx

Yenepoya/McGill

Erba

Blink



DAY 3 AGENDA

WEDNESDAY, JUNE 20

Time

9:00-9:30AM

Assessment of TB diagnostic networks: a new tool

A Piatek

9:30-10:00AM

Strengthening lab capacity for TB diagnosis and care in LMICs

K England

10:00-10:30AM

Optimizing device placement and lab networks for impact

H Albert

10:30-10:50AM

Coffee Break

10:50-11:40AM

Aligning diagnostics to the POC: takeaways for innovators, decision-makers and evaluators

N Engel

11:40AM-12:15PM

New tool uptake & role of Global Drug Facility

W Van Gemert (via Zoom)

12:15-1:15PM

Lunch

1:15-2:00PM

Active case finding: lessons from TB REACH

A Khan

2:00-2:40PM

Surrogate endpoints in global health research: searching for killer apps & silver bullets?

M Pai

2:40-3:10PM

Coffee Break

3:10-4:10PM

Panel discussion: Essential Diagnostics List: opportunity for TB?

Moderator: M Pai

Panelists:	EU Elom	J Ngozo
	M Kamene	H Albert
	R Sarin	K Walia

4:10-5:10PM

Panel discussion: Can we overcome barriers to latent TB testing in LMICs?

Moderator: M Pai

Panelists:	G Lei	S Khaparde
	C Garfin	I Schoeman
	J Ngozo	R Herrera
		A Tattersall



DAY 4 AGENDA

THURSDAY, JUNE 21

Time

9:00-10:15AM

Systematic reviews of diagnostic accuracy
K Steingart

10:15-10:45AM

SR: case study: Xpert for EPTB
M Kohli

10:45-11:15AM

Coffee Break

11:15AM-12:00PM

SR: case study: biomarkers for active TB diagnosis
E MacLean

12:00-12:45PM

Lunch

12:45-1:50PM

Guideline development in TB diagnostics
K Steingart

1:50-2:40PM

Quality improvement in TB
A Cattamanchi

2:40-3:00PM

Coffee Break

3:00-4:00PM

Panel discussion: Multi-disease testing: current status and future prospects
Presenter: Z Ndlovu Moderator: M Pai

Panelists:	I Schoeman	S Khaparde
	K England	A Cattamanchi
	JA Martinez-Orozco	S Denamps

4:00-5:30PM

Advocacy for improving TB diagnosis & care

- How can survivors advocate for better diagnostics? S Rane, R Herrera & I Schoeman
- Engaging media for effective advocacy S Kanwar
- UN High Level Meeting on TB S Garnham
- Advocating to policy makers K Raghavan

5:30-6:30PM

RESULTS
Canada

the power to end poverty

Reception by RESULTS Canada

Location: Centre Mont-Royal,
Mezzanine level

DAY 5 AGENDA

FRIDAY, JUNE 22

Time

9:00-9:45AM	Modeling of TB diagnostics: principles A Zwerling & O Oxlade
9:45-10:30AM	Case studies in modeling A Zwerling & O Oxlade
10:30-11:00AM	<i>Coffee Break</i>
11:00-11:45AM	Cost effectiveness analysis of TB diagnostics: principles O Oxlade & A Zwerling
11:45AM-12:30PM	Case studies in cost-effectiveness O Oxlade & A Zwerling
12:30-1:15PM	<i>Lunch & closure</i>

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