



McGill Summer Institute in
Infectious Diseases and
Global Health

MCGILL UNIVERSITY • MONTREAL • JUNE 17-19, 2019

ADVANCED TB DIAGNOSTICS

DAY 1

DAY 2

DAY 3

Mon • June 17

Tues • June 18

Wed • June 19

8:00AM – 5:30PM

9:00AM – 5:30PM

8:30AM – 12:30PM

- Patient voices
- Re-imagining TB diagnosis and care
- Dx pipeline
- Innovator and NTP voices

- Incipient TB and triage tests
- Evidence synthesis and guidelines
- Advocacy
- Tech pitch

- Modeling & cost-effectiveness
- Barriers to LTBI Dx
- GDF/procurement

HOSTS



GLOBAL
HEALTH
PROGRAMS



A PAHO/WHO Collaborating Centre for Tuberculosis Research



McGill

M[i]⁴

Interdisciplinary Initiative in
Infection and Immunity



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 17

Time

8:00AM

8:30-9:00AM

9:00-9:30AM

9:30-10:30AM

10:30-11:00AM

11:00AM-12:00PM

12:00-1:00PM

1:00-1:50PM

1:50-2:50PM

2:50-3:20PM

3:20-4:00PM

4:00-5:15PM

5:15PM

Registration

Welcome, introductions, goals

The struggle to get diagnosed: Why diagnosis matters to patients

Rhea Lobo, Timur Abdullaev

Re-imagining TB diagnosis and care

Madhu Pai

Coffee Break

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

Moderator: Madhu Pai

Panelists: NTP & NRL staff

Lunch

TB Diagnostics Pipeline & Landscape & TPPs

Samuel Schumacher

Panel Discussion: How can we overcome the valleys of death with TB innovations?

Moderator: J Huh

Panelists: Industry participants and donors

Coffee Break

New TB drugs and regimens: where are we headed?

S Malhotra

Panel Discussion: Human-centered design to re-imagine TB care

Moderator: TBA

Panelists: R Lobo S Khimani
 T Abdullaev J Huh
 B Thomas S Sayed

Group photo

DAY 2 AGENDA

TUESDAY, JUNE 18

Time	
9:00-9:40AM	Progress with incipient TB test Samuel Schumacher
9:40-10:15AM	Urine LAM detection: what is the future? Karen Heichman
10:15-10:45AM	<i>Coffee Break</i>
10:45-11:15AM	Triage testing: approaches to generating evidence Ruvandhi Nathavitharana
11:15-11:45AM	CRP as triage A Shapiro
11:45AM-12:30PM	Panel discussion: Leveraging Artificial Intelligence for advancing TB diagnosis Moderator: P Dewan Panelists: S Grandjean-Lapierre R Panicker A Jagirdar L Ekbladh
12:30-1:15PM	<i>Lunch</i>
1:15-2:15PM	Evidence synthesis and guideline development in TB Dx Karen Steingart
2:15-3:15PM	Debate: Is the TB field ready for routine use of NGS? Absolutely: Kathleen England Not quite: J Iragena
3:15-3:30PM	<i>Coffee Break</i>
3:30-4:30PM	Panel discussion: Importance of advocacy in improving TB diagnosis and care Moderator: TBA Panelists: S Garnham R Lobo T Abdullaev S Khimani
4:30-5:30PM	TB TECH PITCH Product developers will pitch their product ideas & get feedback (Companies are being confirmed) BD Cepheid Roche SystemOne Oxford Immunotec Qure.ai Erba Orasure Mologic Wadhvani AI Oxford Nanopore Genedrive



DAY 3 AGENDA

WEDNESDAY, JUNE 19

Time

8:30-10:00AM

Modeling & cost-effectiveness analyses of TB dx

Olivia Oxlade

10:00-10:30AM

Coffee Break

10:30-11:10AM

Solving procurement challenges in TB diagnostics: role of GDF

Wayne Van Gemert (via Zoom)

11:10-12:15 PM

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

Moderator: Madhu Pai

Panelists: TBA

12:15PM

Evaluations & Closure

Participants are welcome to stay for lunch following the course

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.

