



 **McGill** | **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
<ul style="list-style-type: none"> • Patient voices • Re-imagining TB diagnosis and care • Dx pipeline • Innovator and NTP voices 	<ul style="list-style-type: none"> • Incipient TB and triage tests • Evidence synthesis and guidelines • Advocacy • Tech pitch 	<ul style="list-style-type: none"> • Modeling & cost-effectiveness • Barriers to LTBI Dx • GDF/procurement

HOSTS

 **McGill** |  **GLOBAL HEALTH PROGRAMS**

 **Centre international de TB McGill** |  **McGill International TB Centre**
A PAHO/WHO Collaborating Centre for Tuberculosis Research

 **MacLean Centre for Tropical Diseases** |  **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 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, Kate O'Brien, Priya Amin, Sneha Dedhia

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: Daksha Shah Lindiwe Mvusi Adebola Lawanson
Aubid Allah Khan Xia Yu

Lunch

TB Diagnostics Pipeline & Landscape & TPPs

Samuel Schumacher

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

Moderator: Jacqueline Huh

Panelists: Karen Heichman Leah Ekblad Katherine Melville
Samuel Schumacher Ammar Jagirdar Andrea Tattersall

Coffee Break

New TB drugs and regimens: where are we headed?

Sarah Cook-Scalise

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

Intro to HC-Design: Melissa Atkinson-Graham & Tania Ahmad

Relevance to TB: Rhea Lobo Priya Amin
Kate O'Brien Jacqueline Huh
Panelists: Sneha Dedhia Vidya Krishnan

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

Coffee Break

10:45-11:15AM

Triage testing: approaches to generating evidence
Ruvandhi Nathavitharana

11:15-11:45AM

CRP as triage
Adrienne Shapiro

11:45AM-12:30PM

Panel discussion: Leveraging Artificial Intelligence & Data for advancing TB diagnosis

Moderator: Madhu Pai

Panelists: Simon Grandjean-Lapierre Raghu Dharmaraju Faiz Khan
Ammar Jagirdar Leah Ekblad

12:30-1:15PM

Lunch

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: S Grandjean-Lapierre

3:15-3:30PM

Coffee Break

3:30-4:30PM

Panel discussion: Importance of advocacy & media in improving TB diagnosis and care

Moderator: Vidya Krishnan

Panelists: Shelley Garnham Rhea Lobo Kate O'Brien Sneha Dedhia
Priya Amin Pratyush Pranav Meaghan Derynck

4:30-5:40PM

TB TECH PITCH Product developers will pitch their product ideas & get feedback

Oxford Immunotec	Qure.ai	Roche	SystemOne
Genedrive	Wadhvani AI	Oxford Nanopore	DNA Genotek
Mologic	IISc		

5:40 – 6:30PM

Reception hosted by RESULTS Canada

RESULTS
Canada

the power to end poverty



DAY 3 AGENDA

WEDNESDAY, JUNE 19

Time

8:30-9:30AM

Modeling & cost-effectiveness analyses of TB dx

Olivia Oxlade

9:30 – 10:10AM

GeneXpert: lessons learnt & future plans

Philippe Jacon

10:10-10:30AM

Coffee Break

10:30-11:10AM

Solving procurement challenges in TB diagnostics: role of GDF

Wayne Van Gemert (via Zoom)

11:10-12:15PM

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

Moderator: Madhu Pai

Panelists:

Lindiwe Mvusi

Daksha Shah

Adebola Lawanson

Sneha Dhedia

Andrea Tattersall

John Ramapuram

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.

