



# McGill

## Summer Institute in Infectious Diseases and Global Health



JUNE 7-11, 2021

### Advanced TB Diagnostics

#### Time

9:00-9:40AM

#### DAY 1 AGENDA | MONDAY, JUNE 7

**Diagnosis: the weakest link becomes weaker during Covid**

Madhu Pai

9:40-10:25AM

**The struggle to get diagnosed: why diagnosis matters to patients**

Keyuri Bhanushali; Rhea Lobo; Phumeza Tisile; Carol Nawina, Timur Abdullaev

10:25-10:30AM

*Break*

10:30-11:15AM

**TB Diagnostics Pipeline**

Morten Ruhwald

11:15AM-12:00PM

**Evolving WHO guidance on TB Diagnostics**

Nazir Ismail

#### Time

9:00AM-9:40AM

#### DAY 2 AGENDA | TUESDAY, JUNE 8

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

Moderator: Madhu Pai

Panelists: Farzana Ismail    Nicole Menezes de Souza    Nishant Kumar

Tendai Nkomo    Victor Babawale

9:40-10:20AM

**New TB drugs& regimens: what diagnostics will we need?**

Salah Foraida

10:20-10:25AM

*Break*

10:25-11:00AM

**Latent TB diagnostics: are we making progress?**

Lele Rangaka

11:00-11:30AM

**Can we detect incipient TB?**

Tom Scriba

11:30AM-12:00PM

**Should we detect subclinical TB? If so, how?**

Paul Drain

**Time**

9:00AM-9:50AM

**DAY 3 AGENDA | WEDNESDAY, JUNE 9****Panel Discussion:** How can we overcome the valleys of death with TB innovations?

Moderator: Claudia Denkinger

Panelists: Innovators

9:50-10:25AM

**Progress with triage tests for TB (including CRP, CAD)**

Ruvandhi Nathavitharana

*Break*

10:25-10:30AM

10:30-11:10AM

**High sensitivity urine LAM assays: ready for primetime?**

Karen Heichman

11:10AM-12:00PM

**Impact of molecular Dx on patient outcomes?**

Samuel Schumacher &amp; Adithya Cattamanchi

**Time**

9:00-9:45AM

**DAY 4 AGENDA | THURSDAY, JUNE 10****Are high-burden countries ready for routine use of sequencing?**

Camilla Rodrigues &amp; Anita Suresh

9:45-10:30AM

**How can we keep up with the evidence?**

Karen Steingart &amp; Mikashmi Kohli

10:30-10:35AM

*Break*

10:35-11:15AM

**Aligning diagnostics to the point-of-care: lessons for innovators, evaluators and decision-makers from TB & HIV**

Nora Engel

11:15AM-12:00PM

**AI-based cough sensors: can we make cough count?**

Simon Grandjean-Lapierre

**Time**

9:00-9:45AM

**DAY 5 AGENDA | FRIDAY, JUNE 11****Modeling the impact of TB diagnostics**

David Dowdy

9:45-10:30AM

**Estimating the cost effectiveness of new tools**

Alice Zwerling

10:30-10:35AM

*Break*

10:35-11:15AM

**Integrating Covid & TB testing**

Cesar Ugarte-Gill &amp; Emily MacLean

11:15AM-12:00PM

**TB Tech Pitch**

Innovators