



JUNE 11-15, 2018

# GLOBAL HEALTH DIAGNOSTICS

“I liked the array of topics—they did a nice job of covering a broad overview of pertinent areas in global diagnostics with just the right amount of depth. Also a nice mixture of panels and presentations.”

– GLOBAL HEALTH DIAGNOSTICS COURSE PARTICIPANT

This 5 day workshop on global health diagnostics focuses on TB, HIV, malaria, sexually transmitted and blood borne infections (STBBIs), acute febrile illnesses, antimicrobial resistance, and selected neglected tropical diseases (NTDs). The workshop format is a mix of plenary talks interspersed with 1) rich, engaging panel discussions, 2) tech pitches from industry leaders and 3) plenty of opportunity to interact with participants who work across the spectrum of global health diagnostics. Participants will learn from a wide array of key stakeholders including product manufacturers, donors, product development partnerships, policy makers, academics, clinicians, researchers, community advocates, public health implementers and leaders from ministries of health in priority countries.

### COURSE DIRECTORS

**Cédric Yansouni**, MD, FRCPC, DTM&H  
Assistant Professor, Division of Infectious Diseases,  
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Associate Director, J.D. MacLean Centre for Tropical Diseases

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Associate Professor, Division of Clinical Epidemiology &  
Infectious Diseases, McGill University

**Madhukar Pai**, MD, PhD  
Director, McGill Global Health Programs  
Associate Director, McGill International TB Centre

### COURSE FACULTY

**Tim Amukele**, MD, PhD – Johns Hopkins University  
**Jeff Baker** – JESA Consulting  
**Duncan Blair**, PhD – Alere Inc.  
**Jana Broadhurst**, MD – Stanford University  
**Valérie D’Acremont**, MD, PhD, DTM&H – Swiss TPH  
**Peter Dailey**, PhD, MPH – UC Berkeley  
**Sabine Dittrich**, PhD – FIND  
**Jim Gallarda**, PhD, MBA – Bill & Melinda Gates Foundation  
**David Goldfarb**, PhD – University of British Columbia  
**Michael Greenberg**, MD – Fio Corporation  
**Theresa Gyorkos**, PhD – McGill University  
**Ilesh Jani**, MD, PhD – Instituto Nacional de Saude  
**Vivian Jonas**, MS – Erba Molecular  
**Cassandra Kelly-Cirino**, PhD – FIND  
**John Kim**, PhD – Public Health Agency of Canada  
**Charles Larson**, MD, MSc – McGill University  
**Michael Libman**, MD – McGill University  
**Robert Luo**, MD – Roche Molecular Systems, Inc.  
**Greg Matlashewski**, PhD – McGill University  
**Momar Ndao**, DVM, MSc, PhD – McGill University  
**Thomas Nutman**, MD – National Institutes of Health  
**David Persing**, MD, PhD – Cepheid  
**Trevor Peter**, PhD – Clinton Health Access Initiative  
**Benjamin Pinsky**, MD, PhD – Stanford University  
**Nira Pollock**, MD, PhD – Harvard Medical School  
**Lee Schroeder**, MD PhD – University of Michigan  
**Makeda Semret**, MD CM, FRCPC – McGill University  
**Marc Steben**, MD – INSPQ  
**Andy Stewart** – DNA Genotek  
**Prashant Yadav**, PhD, MBA – Gates Foundation

### CONTENT

Infectious diseases continue to pose a major threat to the health of most developing nations. The emergence and spread of infections like XDR-TB, Ebola, dengue, chikungunya, and avian influenza have highlighted the importance of effective global response to epidemic threats. Diagnosis is a critical step in effective disease care and control, but many people in developing countries do not have access to adequate initial diagnosis. In this popular course, professionals ranging from clinicians, nurses, policy-makers, researchers, implementers, advocates and health educators share questions, successes, and lessons learned to advance the field of global health diagnostics.

### OBJECTIVES

- Convene key stakeholder groups on global health diagnostics to create a platform for information exchange and knowledge transfer.
- Inform, educate, engage and convene discussions on pertinent issues in diagnostics so as to inform the direction of future practice, policy and funding initiatives for diagnostics.
- Dissect the value chain for global health diagnostics development, current pipeline of diagnostics, market size and dynamics, policies on diagnostics, and barriers for scale-up for selected infectious diseases of global health importance across all infections.
- Debate and propose solutions for accelerating market entry for innovative diagnostics, to sustain and support manufacturers’ engagement in development of new diagnostics that address unmet global health needs.
- Debate and identify novel approaches to scale-up, including innovative business models that leverage market-based incentives.

### TARGET AUDIENCE

- This course appeals to a wide range of participants including:
- Policy makers and ministry officials
  - Researchers, academics, and students studying global health or infectious disease
  - Product developers, funders and public health agency officials
  - Community advocacy groups working in diagnostics and global health

### ENROLMENT

Maximum of 100 participants.

**2018 COURSES** To Register: <http://mcgill-idgh.ca/>



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