



Global Health Diagnostics Course

McGill University, Montreal, Quebec, Canada – July 6 - 10, 2015

Venue:	<p>July 6-9 Chancellor Day Hall McGill University 3644 rue Peel (enter at 3660 rue Peel) Montreal, QC, H3A 1W9 Room 100 https://goo.gl/maps/kjZoj</p>	<p>July 10 McIntyre Medical Building McGill University 3655 promenade Sir William Osler (enter at 1200 avenue des Pins Ouest) Montreal, QC, H3G 1Y6 Room 210/211 https://goo.gl/maps/eZJSM</p>
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COURSE SCHEDULE: OUTLINE

Day	Date	Time	Major themes
1	July 6, Mon	8.30 AM – 5.00 PM	Value chain, product development, POCT, needs, access
2	July 7, Tues	9.00 AM – 5.00 PM	TB diagnostics HIV diagnostics
3	July 8, Wed	9.00 AM – 5.00 PM	Chronic viral illnesses; multiplexed testing; regulation, QA
4	July 9, Thur	9.00 AM – 5.00 PM	Febrile illnesses; supply chain issues
5	July 10, Fri	8.30 AM – 3.30 PM	Neglected tropical diseases

ORGANIZED WITH SUPPORT FROM THESE PARTNERS:



Course website: www.teachepi.org



A website for learning and teaching epidemiology

Funding support from:








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Day 1, July 6, 2015 [Monday]

Time	Lecture	Faculty
8.00 AM	Registration	
8.30 – 9.00 AM	Welcome, introductions, and goals	All
9.00 – 9.30 AM	Global health diagnostics: The big picture	C Yansouni & M Pai
9.30 – 10.30 AM	 Panel discussion: Product development in GH Dx: progress and barriers <i>Moderator: T Peter</i>	<u>Presenter:</u> T Peter <u>Discussants:</u> D Blair S Marsden F Gerard R Luo P Jacon J Gallarda
10.30 – 11.00 AM	Coffee	
11.00 – 12.00 PM	 Panel discussion: What are the critical diagnostic needs in resource-limited countries? <i>Moderator: C Yansouni</i>	<u>Presenter:</u> C Yansouni <u>Discussants:</u> S Baliga E Diro T Roberts B Muyatoba R Isaac L Pyne-Mercier
12.00 – 1.00 PM	Lunch	
1.00 – 1.50 PM	 Panel discussion: Point-of-care testing: what is the point? <i>Moderator: M Pai</i>	<u>Presenter:</u> N Pant Pai <u>Discussants:</u> P Jacon C Mukhopadhyay N Vats K Saravu W Degu C Yansouni
1.50 – 2.30 PM	Market-based opportunities to increase access to diagnostics	J Ginnard (via Skype)
2.30 – 3.15 PM	Public-private partnerships: how can they improve access to essential diagnostics?	R Gadde
3.15 – 3.45 PM	Coffee	





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3.45 – 5.00 PM		Panel discussion: Scale-up of global health diagnostics: what lessons have we learnt? <i>Moderator: J Gallarda</i>	<u>Presenter:</u> J Gallarda <u>Discussants:</u> T Peter T Roberts P Jacon R Gadde D Blair M Pai
5.00 – 5.15 PM	Group picture		
5.30 – 6.30 PM	Wine and Cheese Reception Venue: Thomson House (3650 McTavish, Montreal, QC, H3A 1Y2)		

Day 2, July 7, 2015 [Tuesday]




Time	Lecture	Faculty
9.00 – 10.30 AM	TB diagnostics: landscape, pipeline, priorities & market	M Pai
10.30 – 11.00 AM	Coffee	
11.00 – 12.00 PM	 Panel discussion: What have learnt from the roll-out of Xpert MTB/RIF? <i>Moderator: M Pai</i>	<u>Presenter:</u> P Jacon <u>Discussants:</u> G Akang C Ama B Mutayoba J Gallarda K Praveen
12.00 – 12.45 PM	Lunch	
12.45 – 1.45 PM	HIV diagnostics: landscape, pipeline, priorities & market	T Peter
1.45 – 2.15 PM	Barriers to POC HIV testing	N Pant Pai
2.15 – 3.00 PM	POC CD4 and VL testing: what is the future?	D Blair
3.00 – 3.20 PM	Coffee	
3.20 – 4.20 PM	 Panel discussion: HIV self-testing: the next frontier to reach the untested? <i>Moderator: N Pant Pai</i>	<u>Presenter:</u> N Pant Pai <u>Discussants:</u> B Parekh Q Pham T Roberts T Peter E Cowan M Steben
4.20 – 5.00 PM	Detection of recent HIV infection: Why and how?	B Parekh



Global Health Diagnostics Course

McGill University, Montreal, Quebec, Canada – July 6 - 10, 2015

Day 3, July 8, 2015 [Wednesday]



Time	Lecture	Faculty
9.00 – 9.45 AM	Companion diagnostics: how can we realize their potential?	P Keeling (via Skype)
9.45 – 10.45 AM	Hepatitis diagnostics: landscape, pipeline, priorities & market	R Luo
10.45 – 11.15 AM	Coffee	
11.15 – 12.15 PM	 Panel discussion: Are resource-limited countries ready for molecular testing? <i>Moderator: M Pai</i>	M Ndao R Luo P Jacon B Doulla C Ama M Tebruegge J Gallarda
12.15 – 1.00 PM	Lunch	
1.00 – 2.00 PM	 Panel discussion: Multiplexed testing: challenges and opportunities <i>Moderator: N Pant Pai</i>	N Vats T Peter D Bell D Blair T Wong G Bhat
2.00 – 2.50 PM	Regulation of diagnostics: challenges and opportunities	E Cowan
2.50 – 3.20 PM	Coffee	
3.20 – 4.00 PM	Automating diagnosis and data capture: what is the future?	M Greenberg
4.00 – 5.00 PM	 Panel discussion: Quality assurance for rapid testing <i>Moderator: C Yansouni</i>	<u>Presenter:</u> T Roberts <u>Discussants:</u> T Peter F Gerard M Greenberg N Vats D Bell S Baliga



Global Health Diagnostics Course

McGill University, Montreal, Quebec, Canada – July 6 - 10, 2015

Day 4, July 9, 2015 [Thursday]


Time	Lecture	Faculty
9.00 – 9.40 AM	Prequalification and post-marketing surveillance of diagnostics	A Sands (via skype)
9.40 – 10.30 AM	 Panel discussion: Acute febrile illness: needs and priorities <i>Moderator: C Yansouni</i>	D Bell W Degu T de los Santos M Kabir E Bottieau G Walther K Saravu
10.30 – 11.00 AM	Coffee	
11.00 – 12.00 PM	Ebola diagnostics: status, pipeline and needs	J Gallarda & G Walther
12.00 – 12.45 PM	Lunch	
12.45 – 1.45 PM	Malaria diagnostics: landscape, pipeline, priorities & market	D Bell
1.45 – 2.30 PM	Multiplexed panel assays for febrile illness	E Bottieau
2.30 – 3.00 PM	Coffee	
3.00 – 3.45 PM	Rapid diagnostic tests for neurological infections	C Yansouni
3.45 – 5.00 PM	 Panel discussion: Supply chain management for global health diagnostics <i>Moderator: C Yansouni</i>	<u>Presenter:</u> P Yadav (skype) <u>Discussants:</u> T Roberts D Bell E Bottieau F Gerard G Walther J Gallarda



Global Health Diagnostics Course

McGill University, Montreal, Quebec, Canada – July 6 - 10, 2015

Day 5, July 10, 2015 [Friday]

Time	Lecture	Faculty
8.30 – 9.30 AM	NTD diagnostics: landscape, pipeline, priorities & market	T de los Santos
9.30 – 10.30 AM	 Panel discussion: NTDs: needs and priorities <i>Moderator: C Yansouni</i>	W Degu K Saravu M Semret J Ndung'u T Nutman T de los Santos N Bhattarai
10.30 – 11.00 AM	Coffee	
11.00 – 11.45 AM	HAT diagnostics: progress and challenges	J Ndung'u
11.45 – 12.30 PM	Molecular and serologic diagnostics for filarial and Strongyloides infections	T Nutman
12.30 – 1.30 PM	Lunch	
1.30 – 2.15 PM	VL diagnostics	E Diro
2.15 – 3.00 PM	Chagas diagnostics	M Ndao
3.00 – 3.45 PM	Diagnostics for enteric infections	E Houpt
3.45 – 4.00 PM	Course evaluations and feedback	C Yansouni & M Pai