

Improving the development and deployment of Rapid Diagnostic Tests in LMICs – 21 November 2016, London

Programme

08:30	Registration and Refreshments
09:00	Welcome and aims of meeting
	<p>Professor George Griffin FMedSci <i>Foreign Secretary, The Academy of Medical Sciences</i></p> <p>Professor Sanjeev Krishna FMedSci, Chair of workshop steering committee <i>Professor of Molecular Parasitology and Medicine, St George's, University of London</i></p>
09:15	Key Note Session
09:15- 09:40	<p>Design and development of diagnostic tests suitable for use in LMICs: The progress so far Professor Rosanna Peeling <i>Chair of Diagnostics Research; Director of the International Diagnostics Centre, LSHTM</i> 5 minutes Q&A</p>
09:45- 10:00	<p>Methodological challenges in evaluating rapid diagnostic tests Professor Jon Deeks <i>Institute of Applied Health Research University of Birmingham, Professor of Biostatistics, Joint School Research Lead, Deputy Director of the Institute of Applied Health Research</i> 5 minutes Q&A</p>
10:05	Refreshments break
10:20	Session 1: Drivers and core principles for RDTs in LMIC settings
10:20- 10:40	<p>Access, use and research gaps in RDT implementation Dr James Tibenderana <i>Development Director, Malaria Consortium</i> 10 minutes Q&A</p>
10:50- 12:15	<p>Panel of diagnostics experts in different settings from LMICs</p> <ul style="list-style-type: none"> • Dr Firdausi Qadri <i>Director, Centre for Vaccine Sciences (CVS), International Centre for Diarrhoeal Disease and Research, Bangladesh</i> • Dr Marcos Lopes de Miranda <i>Assistant Professor, State University of Rio de Janeiro, Brazil</i> • Ms Olga R. Torres <i>Kids' Lab Director and Centro de Investigación en Nutrición y Salud (CIENSA) Senior Researcher, Guatemala</i> • Professor Dr Rahmah Nordin FASc <i>Professor, Universiti Sains Malaysia, Malaysia</i> • Professor Rajae El Aouad <i>Resident Member, Hassan II Academy of Science and Technology, Morocco</i> • Professor Christian Happi <i>Professor of Molecular Biology and Genomics, Redeemer's University, Nigeria</i>

	<p>Including comments from a newly graduated HIC:</p> <ul style="list-style-type: none"> • Dr Ashton Rogers <i>Assistant Professor, The University of Trinidad and Tobago</i>
12:15-12:35	<p>What role do RDTs have in forecasting future trends and ensuring there is effective disease surveillance and responses?</p> <p>Dr Amadou Sall <i>Scientific Director, Institut Pasteur de Dakar</i> 10 minutes Q&A</p>
12:45	Lunch
13:30	Session 2: Innovative technologies and approaches
13:30-13:45	<p>Development of diagnostics and collaboration with industry: Challenges and Opportunities</p> <p>Professor Lisa Hall CBE <i>Professor of Analytical Biotechnology, Deputy Head of Department (Research), Department of Chemical Engineering and Biotechnology, University of Cambridge</i></p>
13:45	<p>Panel discussion: Challenges and opportunities for diagnostics development</p> <ul style="list-style-type: none"> • Professor Lisa Hall CBE <i>University of Cambridge</i> • Ms Elaine Warburton OBE <i>Chief Executive Officer, QuantuMDx</i> • Dr Nick Loman <i>Research Fellow, University of Birmingham</i> • Ms Joy Ann Petronio Santos <i>University Researcher, University of the Philippines Manila</i> • Professor Jing Cheng <i>Cheung Kong Professor, Tsinghua University and CEO CapitalBio Corporation</i>
14:15	Refreshments break and Q&A with diagnostics developers
14:45	Session 3: Research and development of emerging and next generation rapid diagnostic tests for use in LMICs
14:45	Break out session (see separate breakout session programme)
15:45	Feedback from groups
16:45	Conclusions and next steps
	Professor Sanjeev Krishna FMedSci, Chair of steering committee
17:00	End

Workshop steering committee

The organisation of this workshop is being overseen by a joint steering committee:

Professor Sanjeev Krishna FMedSci, Professor of Molecular Parasitology and Medicine, St George's University of London (Chair)

Dr Catharina Boehme, Chief Executive Officer, Foundation for Innovative New Diagnostics (FIND)

Professor Ajit Lalvani FMedSci, Chair of Infectious Diseases & Honorary Consultant, Imperial College London

Professor Lai-Meng Looi, Distinguished Professor, Department of Pathology, University of Malaya