



Diagnostics and the Developing World Conference London, UK 23rd – 25th January 2017

Day 1

09:30	Registration
10:00	Welcome, Professor Andrew George, Deputy Vice-Chancellor (Educational and International)
10:10	Diagnostics and the Developing World Overview, Dr. Ruth Mackay, Brunel University London
10:20	Keynote Talk: A Diagnosis of Diagnostic challenges in Africa, Professor Yap Boum II, Regional Representative Epicentre in Africa
10:50	Keeping it Real: The Importance of Context in Diagnostics Test Development, Dr. Andrew Ramsay, TDR, World Health Organisation
11:20	Coffee
11:40	The Molecular Diagnostics Scenario in India—A View From the Coalface, Professor Amit Kumar Dinda, All India Institute of Medical Sciences, Delhi, India
12:10	Keynote Talk: Lessons in Diagnostics Development for Diseases of Poverty, Dr. Bill Rodriguez, FIND: Foundation for Innovative Diagnostics
12:40	Lunch, Poster Session
13:40	Breakout Sessions
	How can We Accelerate the Approval and Introduction of Novel Technologies? Chair: Professor Rosanna Peeling, London School of Hygiene and Tropical Medicine
	Strange Bedfellows: How can Engineers Work with Clinicians and Microbiologists? Chair: Professor Wamadeva Balachandran, Brunel University London
14:30	Session Chairs report on Breakout Discussions (2 x 15 minutes)
15:00	Tea
15:30	Global AMR: The UK Perspective, Professor John Watson, Deputy CMO for England, Department of Health, United Kingdom
16:00	Modelling New Diagnostic Tools and Algorithms for Tuberculosis to Assess Impact in Developing Countries, Dr. Ivor Langley, Liverpool School of Tropical Medicine, Liverpool, United Kingdom
16:30	Success and Challenges of Rapid and Point of Care Tests in Developing Countries, Professor David Mabey, London School of Hygiene and Tropical Medicine, United Kingdom
17:10	Discussion: Lab Capacity Building vs Point of Care Testing, Chair: Dr. Andrew Ramsay, TDR, World Health Organisation
18:00	Close



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Day 2

09:30	Arrival
10:00	Evidence to Support Diagnostic Design, Dr. Simone Borsci, NIHR DEC London, Imperial College London, United Kingdom
10:30	Scabies: Diagnostic Challenges of a Neglected Tropical Skin Disease, Existing Tools, Future Developments, Dr. Jo Middleton, Brighton & Sussex Medical School, United Kingdom
11:00	Coffee
11:30	Enabling Rapid Personalised Medicine and Real-Time Antibiotic Resistance Surveillance for Global and Advanced Health Systems, Dr. Tariq Sadiq, St. George's University of London, United Kingdom
12:00	Low Cost Molecular Diagnostics for the Developing World, Professor Wamadeva Balachandran, Brunel University London, United Kingdom
12:30	Lunch, Poster Session , Bento Lab Demonstration
13:30	i-Sense Project on Early Warning Systems for Infectious Diseases, Professor Rachel McKendry, University College London, United Kingdom
14:00	Research Soundbites: An Opportunity for Everyone!
15:00	Tea
15:30	The Diagnostics Landscape is a Landscape of Empty Promises: True or False?, Professor Rosanna Peeling, London School of Hygiene and Tropical Medicine, United Kingdom
16:00	Keynote Talk: Microfluidics for Personal Mobile Diagnostics, Professor Samuel Sia, Columbia University, United State of America
16:45	The NIHR Imperial DEC Team Design Workshop (Limited Places, sign up required)
	Bento Lab Demonstration
	Panel Discussion: The Diagnostic Needs in the Developing World — Bridging the Gaps, Chairs: Professor Yap Boum II, Professor Amit Kumar Dinda, Professor Analiza Rollon
18:00	Drinks Reception
18:30-21:00	Conference Dinner



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Day 3

09:30	Arrival
10:00	Aptamer Selection for a Trichomonas vaginalis Adhesion Protein for Diagnostic Applications, Dr. Analiza Rollon, University of the Philippines, Diliman, Philippines
10:30	Affordable Miniaturisation of High-Performance Bioassays for Global Diagnostics, Dr. Nuno Reis, University of Bath, United Kingdom
10:50	Lab-on-a-Combe: Ultra-Simple Miniature Microbiology Compatible with Conventional Lab Tools, Dr. Al Edwards, University of Reading, United Kingdom
11:10	Coffee
11:40	New Diagnostic for Sleeping Sickness: Case Study from Bench to Bedside, Dr. Barrie Rooney, University of Kent, United Kingdom
12:10	Cancers that Arise from Infectious Diseases — Case Studies from a Ugandan Perspective, Mr. Deusdedit Tusubira, University of Bergen, Norway Mbarara University of Science and Technology, Uganda
12:30	Lunch, Poster Session
13:30	Moderated Group Discussions
	DDW—The Way Forward & Idea Generator, Moderators: Professor Yap Boum II, Dr. Andy Ramsay, Dr. Ruth Mackay, Dr. Manoharanehru Branavan, Dr. Nuno Reis
	DDW—The Way Forward & Idea Generator, Moderators: Dr. Analiza Rollon, Dr. Emma Harding-Esch, Sarah Smith, Dr. Krishna Burugapalli, Deusdedit Tusubira
14:30	Tea
15:00	The Future: Innovation and Implementation of Diagnostic Devices within the Developing World. Drawing from the Moderated Group Discussions, Dr. Penny Wilson, Innovate UK, United Kingdom
15:30	Keynote Talk: Point of Care Molecular Testing: Prospects and Challenges, Dr. David Persing, Cepheid, USA
16:00	Concluding Remarks and Poster Prizes
16:30	Close