



15th -17th May 2017
Sheraton Hotel, Cabo San Lucas, Mexico
Tentative agenda – 09.03.2017

Day 1 – To be developed – focusing on informing newcomers to the NGS debate
 (Will include at least 3 specific presentations on NGS use in developing countries)

Day 2		
Introduction		
08:30 – 08:40	Welcome	J. Schlundt, Nanyang Techn. University
08:40 – 09:00	NGS developments – the big picture	
Active systems and International data sharing		
09:00 – 09:20	NCBI presentation of software: a) pathogen isolates browser – including AMR, b) rapid assembly and typing (Listeria and Salmonella)	Bill Klimke, NCBI
09:20 – 09:40	EBI developments	
09:40– 10:00	Report from WHO Meeting on WGS, Jan	Enrique Perez, WHO Eric Stevens, USFDA
10:00 – 10:30	Coffee break	
Advances in the use of WGS in clinical microbiology and functional genomics		
10:30 – 10:50	Amplicon Sequencing – technology that is ready for clinical diagnostics	Paul Keim, Path. And Microbiome Institute, USA
10:50 – 11:10	Genomic insights into an outbreak of Group B Streptococcus	Swaine Chen, GIS Singapore (tentative)
11:10 – 11:30	Implementation of genomics in public health - US Advanced Molecular Detection program	Duncan MacCannell, US CDC
11:30 – 11:50	use of NGS in clinical microbiology	Randall Olsen, Houston Meth. Hosp.
11:50 – 12:10	the role of NGS in driving modern functional genomic studies of pathogens/microorganisms	Maria Hoffman, US FDA
12:10 – 13:30	Lunch	
Break-out session 1		
13:30 – 15:30		
15.30 – 16:00	Coffee break	
NGS future – GMI Ring tests – Models for assessing effect of NGS introduction		
16:00 – 16:20	GMI Proficiency testing - Bacteria	Rene Hendriksen, DK Tech. University
16:20 – 16:40	GMI Proficiency testing - Virus	Andrea Nitsche, Robert Koch Institute Germany
16:40 – 17:00	Models to assess effect of NGS introduction	Greg Paoli, Risk Sciences, Canada

Day 3		
NGS in One Health		
08:30 – 08:50	WGS implementation for food safety in Mexico	Alejandra García Molina, C. Nacional Ref. (tentative)
08:50 – 09:10	USFDA improved outbreak detection	Marc Allard / Eric Brown, USFDA
09:10 – 09:30	WGS developments in Chinese food safety	Prof Jianguo Xu, China CDC
09:30 – 09:50	WGS in Outbreak Detection and Response and the Rise of Retrospective Outbreak Investigations	Jennifer Beal, USFDA
09:50 – 10:10		
10:10 – 10:40	Coffee break	
Advances in Metagenomics – Advances in global surveillance based on NGS		
10:40 – 11:00	Metagenomics, from Research Tool to Routine Diagnostics	Robert Schlaberg, University of Utah
11:00 – 11:20	Global sewage surveillance	Frank Moeller Aarestrup, Tech. Uni. DK (tentative)
11:20 – 11:40	Virome from sewage surveillance	Marion Koopmans, Erasmus Uni. NL (tentative)
11:40 – 12:00	Microbiome Research in the Office of Regulatory Science of USFDA	Dr Andrea Ottesen, Research Area Coordinator for Metagenomics/Food Microbiomes
12:00 – 13:30	Lunch	
Break-out session 2		
13:30 – 15:30		
15.30 – 16:00	Coffee break	
Closing session		
16:00 – 16:15	WG 1 Outcome	WG1 Chair
16:15 – 16:30	WG 2 Outcome	WG2 Chair
16:30 – 16:45	WG 3 Outcome	WG3 Chair
16:45 – 17:00	WG 4 Outcome	WG4 Chair
17:00 – 17:30	Concluding discussion	