

# Global Microbial Identifier 8'th Meeting

11-13 May, 2015, Beijing, China



## Preliminary programme day 1: 11 May 2015

08:00-09:00	Registration and refreshments	
09:00-09:10	Symposium opening	Jianguo Xu/Junshi Chen, China CDC
09:10-09:40	Session 1: WGS as Tool for Surveillance and Epidemiology	Chair: Biao Kan, China CDC
	Keynote address: Building a Global Genomic Network for Pathogen Trace back and Outbreak Detection in Food Safety	Steve Musser, Food and Drug Administration, USA
09:40-10:05	The use of WGS data for surveillance systems. The Canadian experience	TBC
10:05-10:30	Whole genome sequencing for human outbreak investigation of <i>Streptococcus suis</i> in China	Jianguo XU, China CDC
10:30-10:45	Coffee break	
10:45-11:10	Microbiological Methods Validation: How do we prove that a method is fit for purpose?	Palmer Orlandi, Food and Drug Administration, USA
11:10-11:35	Bacterial genomic database for bacterial strain identification and source tracing	Ruifu Yang, Beijing Institute of Microbiology and Epidemiology
11:35-12:00	WGS: A Paradigm Shift in Public Health Food Safety Microbiology	Peter Gerner Smidt, US Centers for Disease Control and Prevention
12:00-13:30	Lunch & poster session	
13:30-14:00	Session 2: WGS for Detection/identification Keynote Address: European research perspectives	Frank M. Aarestrup, National Food Institute of Denmark, DTU
14:00-14:25	Human gut microbiome and antibiotic resistant bacteria	Baoli Zhu, Chinese Academy of Science
14:25-14:50	Insights from 20 years of bacterial genome sequencing	Ole Lund, Department of Systems Biology, Technical University of Denmark
14:50-15:15	Beijing Genomics Institute Experience	TBC
15:15-15:30	Coffee break	
15:30-15:55	Bacterial molecular serotyping	Lei Wang, Nankai University
15:55-16:20	Development of Chinese pathogenic bacteria detection network	Biao Kan, China CDC
16:20-16:55	Creating a Consortium for Medical Microbial Bioinformatics	TBC
16:55-17:20	International complications re. the future use of WGS	Jørgen Schlundt, Dep. Management Engineering, Tech. University of DK
17:20-17:30	Closing remarks	Jianguo Xu, China CDC

## Preliminary programme day 2: 12 May 2015

09:00-09:15	Refreshments	
09:15-09:30	Introduction – objectives of the conference	Frank M. Aarestrup, National Food Institute of Denmark, DTU
	<b>Keynote Presentations:</b>	
09:30-10:00	WGS and Ebola – a potential for improvements	Marion Koopmans, Erasmus University Medical Center
10:00-10:30	How WGS will support food safety collaboration across borders	Marc Allard, Food and Drug Administration, USA
10:30-10:40	WGS use in parasitology	R.B. Gasser, Uni Melbourne TBC
10:40-11:00	Overall status of GMI	Jørgen Schlundt, Dep. Management Engineering, Tech. University of DK
11:00-11:10	Report from WG 1: Political challenges, outreach and building a global network	Jørgen Schlundt, Dep. Management Engineering, Tech. University of DK
11:10-11:20	Report from WG 2: Repository and storage of sequence and meta-data	Bill Klimke
11:20-11:50	Coffee break and poster session	Marion Koopmans / Marc Allard
11:50-12:00	Report from WG 3: Analytical approaches	
12:00-12:10	Report from WG 4: Ring trials and quality assurance	Rene Hendriksen, National Food Institute of Denmark, DTU
12:10-12:20	Report from WG 5: Pilot projects	Steven Musser / Marc Allard
12:20-12:40	FDA Genome Trakr	Ruth Timme
12:40-13:00	EU COMPARE programme	Frank Degee / Frank Aarestrup
13:00-14:00	Lunch and poster session	
14:00-14:15	Introduction to breakout sessions	Frank M. Aarestrup, National Food Institute of Denmark, DTU
14:15-15:45	Breakout session 1 for working groups	WG Chairs
15:45-16:15	Coffee break & poster session	
16:15-16:35	Experience in establishing WGS in Tanzania	Prof. Gibson Kibiki, Kilimanjaro Cristian Research Institute
16:35-16:55	Experience re. WGS introduction in Argentina	TBC
16:55-17:15	WGS use in industry	Industry Representative
17:15-17:35	Survey of use of WGS in virology	TBC

## Preliminary programme day 3: 13 May 2015

09:00-09:30	Refreshments	
09:30-09:45	Recap of objectives/achievements	
09:45-10:05	NGS potential to study microbiota or: Global use of WGS in ICOPHA1	TBC
10:05-10:25	International Expert Meeting on WGS	Amy Cawthorne WHO / Masami Takeuchi, FAO
10:25-10:35	GMI9 – Invite from the hosts (FAO/Rome)	Masami Takeuchi, FAO
10:35-11:05	Coffee break and poster session	
11:05-13:00	Breakout Session 2 for working groups	WG Chairs
13:00-14:00	Lunch and poster session	
14:00-15:00	Feedback from WG 1-5 breakout sessions	WG Chairs
15:00-16:00	Plenary Q&A/discussion session Conference close	
16:00-17:00	GMI steering committee (closed meeting)	