

10:05 AM	BREAK	
10:15 AM	Focused Break-Out Session 1	Side Rooms
11:55 AM	LUNCH BREAK	Sponsored by Illumina
	<i>Lessons learned from recent (updates)</i>	(D. Harmsen / H. den Bakker)
1:00 PM	Strategies for successful integration of sequence data sets from multiple NGS platforms; an example from the <i>Salmonella</i> Montevideo -outbreak	H. den Bakker (Cornell University)
1:15 PM	Current experience with Whole Genome Cluster Analysis for <i>Salmonella</i> outbreak investigations in a State Health Department Laboratory (Health)	W. Wolfgang (NY State Dept.)
1:30 PM	DOD NGS pipeline	S. Gibbons/N. Rosenzweig (DOD)
1:45 PM finishing	Automated assembly and annotation of ungapped bacterial chromosomes without manual finishing	G. Harhay (ARS)
2:00 PM	QUESTIONS	
	<i>An IT Path Forward: Data Pipelines and Public Data Networking</i>	(W. Klimke/E. Strain)
2:15 PM	NGS Metadata report	W. Klimke (NCBI)
2:30 PM	Update on NCBI pipeline	R. Agarwala/M. Shumway (NCBI)
2:45 PM	Datasharing for public health action: rules of the game?	M. Koopmans (RIVM)
3:00 PM	National Biodefense Analysis and Countermeasures Center	A. Phillippy (DHS)
3:15 PM	QUESTIONS	
3:25 PM	BREAK	
3:35 PM	Focused Break-Out Session 2	Side Rooms
6:00 PM	ADJOURN DAY #1	

Day #2 (September 25th, 2012)

	<i>Clinical Perspectives on NGS-based Pathogen Identification System</i>	(L. Bry/K. Frank)
8:00 AM	Director, Center for Clinical and Translational Metagenomics	L. Bry/G. Gerber (Harvard)
8:15 AM	Use of Genomic Testing at the NIH Clinical Center	K. Frank (NIH)
8:30 AM strains	Using large-scale phenotype databases to detect and track new and emerging microbial strains	J. Stelling (Harvard)
8:45 AM	Rapid NGS for clinical and public health microbiology - challenges and opportunities	D. Harmsen (Universit of Münster)

9:00 AM	QUESTIONS	
9:10 AM	Focused Break-Out Session 3	Side Rooms
11:10 AM	BREAK	
11:20 AM	(Generate report from focused groups)	MAIN HALL/Side Rooms
12:00 PM	LUNCH BREAK	Sponsored by Ion Torrent-Life Technologies
1:00 PM	(Generate report from focused group) (continue)	MAIN HALL/Side Rooms
1:30 PM	Plenary Session - Report from focus groups	MAIN HALL
2:30 PM	BREAK	
	<i>Industry solutions for global network</i>	(M. Allard/C. Elkins)
2:40 PM	Hybrid assembly and methylation	J. Korlach (Pacific Biosciences)
2:50 PM	MiSeq overview	G. Smith (Illumina)
3:00 PM	DNA Sequencing on a Semi-conductor Chip: Applications in Infectious Diseases	M. Furtado (Ion Torrent)
3:10 PM	OpGen solution	R. Moore (OpGen)
3:20 PM	Biomatters solution	L. Brennan (Biomatters)
3:30 PM	Facilitating management and incorporating analysis of next generation genomic data combined with data derived from established subtyping methods	B. Pot (Bionumerics)
3:40 PM	Leveraging CLC bio software for fast, automated pathogen identification across the globe	C. Boysen (CLC Bio)
3:50 PM	Sequencing Solutions: 454 and Sequence Capture Applications	C. Matthews (Roche)
4:00 PM	QUESTIONS	
4:30 PM	Meeting Summary	
5:00 PM	MEETING ADJOURNED	