

**GenomeTrakr Network Consortia Meeting**  
**September 23-24, 2015**  
**Washington, DC**

**Purpose:** The meeting will focus on current methods and tools used for interpreting bacterial whole genome sequencing data to respond to and to prevent foodborne outbreaks.

**Registration:** For registration information please contact Eric Stevens at [eric.stevens@fda.hhs.gov](mailto:eric.stevens@fda.hhs.gov).

**Agenda**

**September 23**

- 8:30 AM Welcome & Overview  
*Marc Allard and Eric Brown*  
*Office of Regulatory Science, CFSAN, FDA*
- 8:45 AM GenomeTrakr: Current and Future Trends  
*Ruth Timme*  
*Office of Regulatory Science, CFSAN, FDA*
- 9:15 AM FDA ORA Updates  
*Palmer Orlandi*  
*Acting Chief Scientist, OFVM, FDA*
- 9:45 AM FDA CFSAN Updates  
*Errol Strain*  
*Office of Analytics and Outreach, CFSAN, FDA*
- 10:15 AM Break
- 10:30 AM Highlights from the CFSAN-ORA Next Generation Sequencing Network  
*Darcy Hanes*  
*Office of Applied Research and Safety Assessment, CFSAN, FDA*
- 11:00 AM CDC Update: Retooling PulseNet and Preparing for CIDT  
*John Besser*  
*Enteric Diseases Laboratory Branch (EDLB), Division of Foodborne, Waterborne, and Environmental Diseases, NCEZID, CDC*

- 11:30 AM      Group Discussion: GenomeTrakr Network Feedback  
Led by *Eric Stevens*  
*Office of Regulatory Science, CFSAN, FDA*
- 12:15 PM      Lunch
- 1:30 PM      The NCBI Pathogen Detection Pipeline to Support Real Time Sequencing  
Analysis of Foodborne Pathogens  
*Bill Klimke*  
*National Center for Biotechnology Information, NIH*
- 2:00 PM      Weather Maps for Infectious Disease  
*Daniel Janies*  
*University of North Carolina at Charlotte*
- 2:30 PM      How's My Data? Tips and Tricks for Looking at MiSeq Run Quality  
*Jeremy Peirce*  
*Illumina*
- 3:00 PM      Break
- 3:15PM      Perspectives on Linking Internationally – Canada and IRIDA.ca  
*Fiona Brinkman*  
*Simon Fraser University*
- 3:45 PM      The Use of Whole Genome Sequencing to Detect *Salmonella* Enteritidis  
Outbreaks  
*David Boxrud*  
*Minnesota Department of Health*
- 4:15 PM      Prospective Genome Sequencing of Multidrug-Resistant Bacteria Enables Cost-  
Effective High Resolution Detection and Refutation of Nosocomial Transmissions  
*Dag Harmsen*  
*University of Muenster*
- 4:45 PM      Group Discussion: GenomeTrakr Network Future Needs  
Led by *Eric Stevens*  
*Office of Regulatory Science, CFSAN, FDA*
- 5:30 PM      Adjourn

## **September 24**

- 8:30 AM Welcome & Day 1 Recap  
*Marc Allard and Eric Brown*  
*Office of Regulatory Science, CFSAN, FDA*
- 8:45 AM Bioinformatic Approaches for Real-time Detection of Epidemiologically Relevant Isolates Within WGS Databases  
*James Pettengill*  
*Office of Outreach and Analytics, CFSAN, FDA*
- 9:15 AM QIAGEN's CLC Bioinformatics Tools for NGS Pathogen Data Analysis and Upload to SRA  
*Cecilie Boysen*  
*QIAGEN*
- 9:45 AM Implementing Genomically Informed Surveillance of Clinical Pathogens Across Healthcare Institutions  
*Lynn Bry*  
*Department of Pathology, Brigham & Women's Hospital*  
*Harvard Medical School*
- 10:15 AM GCE/COMPARE Pipelines for Genome Annotation and Phylogeny  
*Ole Lund*  
*Technical University of Denmark*
- 10:45 AM Break
- 11:15 AM Comparative Molecular Epidemiology of MDR Salmonella of Global Origin Using Whole Genome Sequencing  
*Wondwossen Gebreyes*  
*The Ohio State University*
- 11:45 AM New Bioinformatics Tools for Analyzing Isolate or Metagenomic Samples  
*Patrick Chain*  
*Los Alamos National Laboratory*
- 12:15 PM Roundtable Discussion  
Led by *Marc Allard and Eric Stevens*  
*Office of Regulatory Science, CFSAN, FDA*
- 1:15 PM Wrap Up
- 1:30 PM Adjourn