

2011 NCBI Rapid Analysis of Microbes Workshop

Oct 26, 2011
NCBI/NIH

Workshop in Lister Hill Center (Bldg38a)

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We would like to invite you to a joint NCBI /FDA one-day workshop organized by the National Center for Biotechnology Information (NCBI) and the Center for Food Safety and Applied Nutrition (CFSAN/FDA) that will be held on Oct 26, 2011 (9 AM – 5 PM). This workshop includes a community of researchers investigating pathogenic prokaryotes and will highlight the current capabilities and generate a discussion on the requirements for the rapid analysis and trace back of prokaryotic pathogens to support public health: what current resources including databases and analytic tools exist at NCBI or externally, what resources can be shared, what resources may need to be developed, what standards such as biological metadata are required or need to be developed in order to facilitate the rapid sequence, annotation, and analysis of pathogens during outbreaks that will enable scientists to rapidly react and potentially deal with biological threats in real time.

Speaker Schedule

Time	Name	Institute	Presentation
9:00	Steve Musser	FDA	FDA - Outbreak Analysis
9:15	David Lipman	NCBI	NCBI Overview
9:30	Tatiana Tatusova	NCBI	Pangenomics
9:45	William Klimke	NCBI	PGAAP/Mapping
10:00	Discussion - Annotation		
10:30	Coffee		
10:45	Errol Strain	FDA	FDA/pipeline
11:00	Robert Stones	FDA/FERA	FDA/Pipeline
11:15	Kevin McLoughlin & Jonathan Allen	LLNL	kmer/kSNP
11:30	Evan Snitkin	NIHGRI	Acinetobacter Analysis
11:45	TBA	TBA	TBA
12:00	Discussion - Pipelines/Phylogeny		
12:30	Lunch		
1:30	Ilene Mizrachi	NCBI	Bioproject/Biosample
1:45	Eric Brown	FDA	Metadata - outbreaks
2:00	Discussion - Metadata		
3:00	Discussion - Workshop		