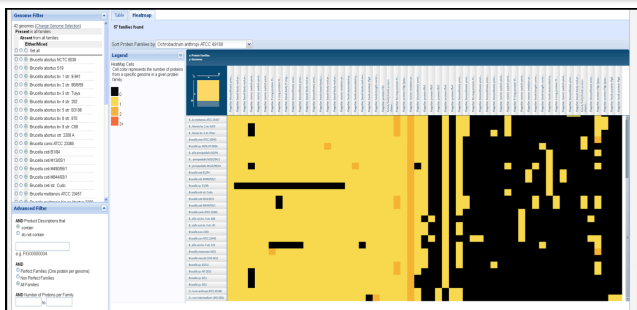


Attention: Bacterial Pathogen Researchers and Bioinformaticians!

Free PATRIC Bioinformatics Resource Center Workshop Featuring Data and Analysis Tools for Bacterial Pathogens



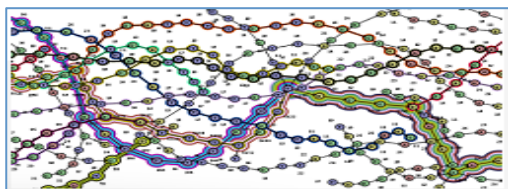
WHAT PATRIC OFFERS:

- Genome assembly and annotation pipelines: researchers can now assemble and annotate their raw reads, and then analyze their genomes using the comparative analysis suite of tools
- Metabolic modeling
- Virulence and antibiotic resistance data and information, along with other specialty gene information
- Searches based on taxonomy, gene name, locus tag, protein function/families, pathways, EC numbers, GO terms, and more
- Free, downloadable data and analysis results
- Organism summaries; pre-sorted PubMed articles; interactive phylogenetic trees; and experimental data including transcriptomics, proteomics, protein structure, and protein-protein interactions
- Numerous interactive visualizations for genome browsing, multi-genome comparisons, pathway comparisons, protein family comparisons, phylogenetic trees with coupled MSAs, gene expression comparative analysis, genome metadata, transcriptomics data, 3-D protein structures, and more
- Personal workspace for creating and comparing groups of user-selected data

WHO SHOULD ATTEND: Bacterial pathogen researchers/students and bioinformaticians

WHEN and WHERE:

December 7, 2015
 The Boardroom
 401 N. Michigan Ave.
 Chicago, IL 60611



AGENDA

Morning Session

9:00-10:30am **Introduction, Overview and Genome Assembly**
 10:30-12:00pm **Genome Annotation**
 12:00-1:00pm **Lunch**

Afternoon Session

1:00-2:00pm **Analyzing your private data in PATRIC**
 2:00-3:00pm **Comparative Genomics**
 3:00-4:00pm **RNA-Seq**
 4:00-5:00pm **Metabolic Modeling**

REGISTRATION INFORMATION:

- The following system requirements are recommended for optimal PATRIC tool access and performance: [Chrome](#), [Safari](#), or [Firefox](#) browser (Internet Explorer is NOT recommended), [Java Runtime Environment \(JRE\)](#), and [Adobe Flash Player](#)
- Please register by contacting India Gordon at lgordon@anl.gov
- Provide your name, email address, and organization



<http://patricbrc.org>