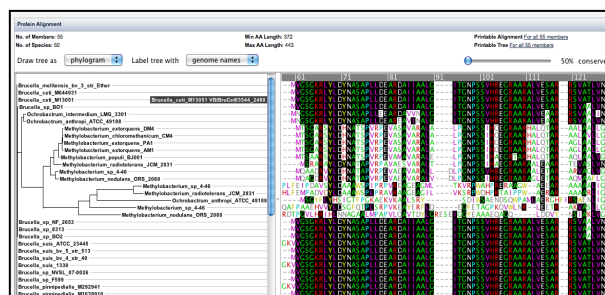## Attention: Bacterial Pathogen Researchers and Bioinformaticians!
Free PATRIC Bioinformatics Resource Center Workshop Featuring Data and Analysis tools for Bacterial Pathogens

PATRIC
PATHOSYSTEMS RESOURCE INTEGRATION CENTER

BIOINFORMATICS WORKSHOP FOR BACTERIAL PATHOGENS

WHAT PATRIC OFFERS:

- **Consistent annotations across all sequenced bacterial species from GenBank.**
- **Searches based on taxonomy, gene name, locus tag, protein function/families, pathways, EC numbers, GO terms, and more.**
- **Data and analysis results are free and typically downloadable.**
- **Organism summaries; pre-sorted PubMed articles; interactive phylogenetic trees; virulence and disease information, 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, 3D protein structures, and feature group comparisons.**

WHO SHOULD ATTEND: Bacterial pathogen researchers/students and bioinformaticians.

HOSTED BY:
UC Davis Microbiology Graduate Group and
UC Davis Genome Center.

LOCATION:
Wednesday, April 27, 2011, 10:00 am – 4:00 pm
Genome and Biomedical Sciences Facility
Room 4202
451 Health Sciences Drive, Davis, CA 95616
UC Davis

AGENDA:
10:00 – 11:00
- Introduction & Overview
- Genomic Data and Annotations

11:00 – 12:15
- Search Tools
- Pathway Visualization & Comparison

1:15 – 2:45
- Multi-genome Comparison via Protein Families

3:00 – 4:00
- Transcriptomics, Proteomics, and 3D Structures

REGISTRATION INFORMATION:

- To attend, please register by contacting Julie Schulman at jschulman@vbi.vt.edu or (540) 231-1966 . Please provide your Name, Phone Number, Email Address, Organization, Organism of Study, and Research Interests. Lunch will be provided.
- **Attendees will need to furnish their own laptops**. 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.

http://patricbrc.org