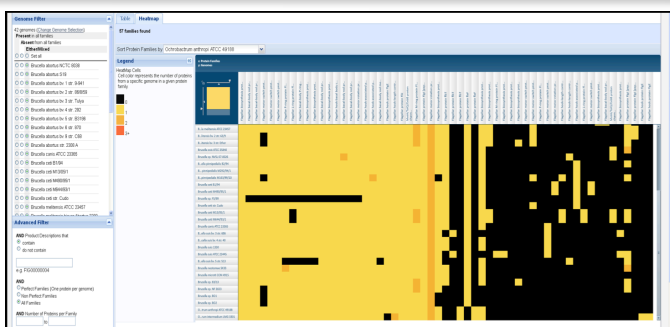# Attention: Bacterial Researchers and Bioinformaticians!
Free PATRIC Bioinformatics Resource Center Workshop Featuring Data and Analysis tools for Bacterial Pathogens

PATRIC
PATHOSYSTEMS RESOURCE INTEGRATION CENTER

FREE BIOINFORMATICS WORKSHOP FOR BACTERIAL PATHOGENS

Hosted in Collaboration With:
Virginia Tech's Genetics, Bioinformatics, and Computational Biology Program

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.
• 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.
• Data and analysis results are free and typically downloadable.

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

LOCATION/AGENDA:
Thursday, October 6th, 2011
Virginia Bioinformatics Institute
3:30-4:00 pm Coffee and Cookies
VBI Lobby
4:00-5:00 GBCB Seminar Featuring PATRIC
VBI Conference Center
5:00 – 8:00 pm
Hands On PATRIC Workshop
Free Pizza Dinner
VBI Conference Room 343
Washington Drive, Blacksburg VA 24061
Virginia Tech

TOPICS COVERED
•PATRIC Introduction & Overview
•Comparative Genomics featuring *Brucella* Use Case
•Experiment Data and Infectious Disease View
•Text Mining
•Hands On: Questions and Answers

REGISTRATION INFORMATION:
• Seating for the 5:00 to 8:00 workshop session is limited. To attend this session, please register by contacting Julie Schulman at jschulman@vbi.vt.edu or (540) 231-1966 . Please provide your Name, Email Address, Organization, Organism of Study, Research Interests, and let us know if you'll need to reserve one of our laptops. Laptops are limited and will be reserved on a first-come, first-served basis, so we ask that you bring your own if possible.
• Computer Requirements: Connectivity will be via VT Wireless. If you do not have a VT Wireless account, please fill out this VT Guest Access Web Form PRIOR to arrival. 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