

## Fall 2008 Workshops

### **Oct 15     ArrayTrack Tutorial**

Basic Training 9-noon  
Advanced Analysis 1:30-3:00  
Yates 212

Hong Fang (FDA National Center for Toxicological Research) will give an introduction to ArrayTrack for the analysis of gene expression data from preprocessing through pathways analysis. This software is freely available to all CSU researchers through the Center for Bioinformatics.

\* If you are planning to attend please send your name and eid to [Richard.Casey@ColoState.edu](mailto:Richard.Casey@ColoState.edu) by Oct 13 to set up an account.

### **Oct 29     Microarray Experimental Design**

3:00-4:30 in Physiology 103

Ann Hess will cover sample size determination, blocking and pooling as well as other topics for planning gene expression studies.

### **Nov 5     Computational Analysis of Biological Pathways**

3:00-5:00 in Yates 212

Andre Ptitsyn will outline the general principles of pathways analysis, highlight the capabilities of available software (including GeneGo Metacore and Ingenuity Pathway Analysis) and consider specific examples of biomedical research involving computational pathways analysis.

### **Dec 3     Computer-Aided Drug Design (CADD) Resources**

3:00-4:00 in Anatomy W106

Richard Casey will highlight CADD resources available through the Center for Bioinformatics including virtual high-throughput screening, molecular modeling, and drug lead optimization.