

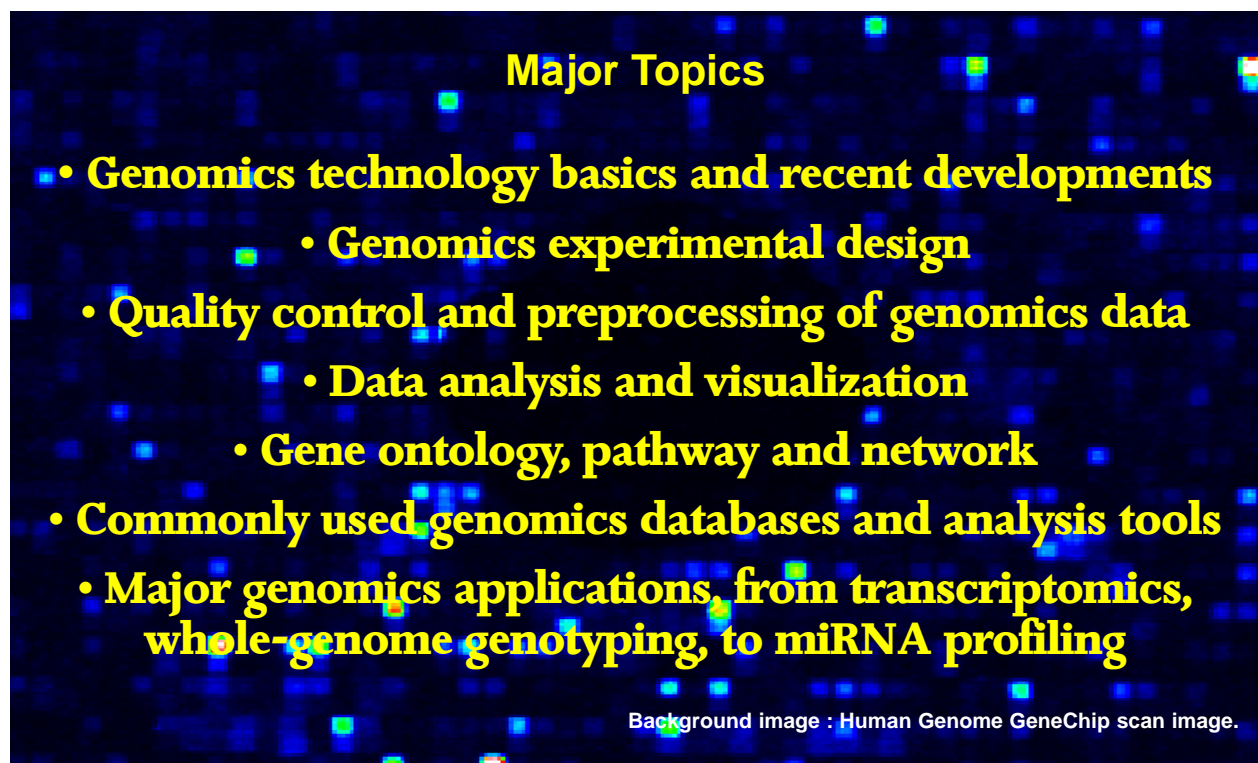
Functional Genomics & Bioinformatics Workshop

Thursday, August 13, 2009, 9:30am-3:30pm, 152 Smissman (West Campus)

Offered by the KU Applied Bioinformatics Laboratory and Genomics Facility

This workshop is for investigators, graduate students and postdoc researchers in life sciences. It will cover genomics technology basics and recent developments, and major aspects of genomics data analysis. Topics on data analysis are also applicable to other high-throughput technologies, such as proteomics.

No prior experience on genomics is required.



Major Topics

- **Genomics technology basics and recent developments**
 - **Genomics experimental design**
- **Quality control and preprocessing of genomics data**
 - **Data analysis and visualization**
 - **Gene ontology, pathway and network**
- **Commonly used genomics databases and analysis tools**
- **Major genomics applications, from transcriptomics, whole-genome genotyping, to miRNA profiling**

Background image : Human Genome GeneChip scan image.

Registration required (no registration fee). Seats limited to 25 participants. Please register by August 7, 2009 via email to KUgenomics@ku.edu.

Please contact Dr. Jianwen Fang (jwfang@ku.edu, 864-3349) or Dr. Xinkun Wang (xwang@ku.edu, 864-4589) if needing further information.

Sponsored by Higuchi Biosciences Center, NIH Program Project on Oxidative Stress and Aging (P01AG12993), Kansas IDDRC (P30 NICHD HD 02528) and K-INBRE (NIH P20 RR16475).