

Lectures

[Lecture 1 \(9/6/07\)](#) - Sequencing and Assembly

[Lecture 2 \(9/13/07\)](#) - Genome Alignment

[Lecture 3 \(9/20/07\)](#) - Gene Discovery

[Lecture 4 \(9/27/07\)](#) - Sequence Similarity Searches

[Lecture 5 \(10/4/07\)](#) - Orthology, Paralogy and Xenology

[Lecture 6 \(10/11/07\)](#) - Phylogeny

[Lecture 7 \(10/23/07\)](#) - Eteceromics

Proteomics

[Functional Genomics using RNAi - Choi and Cai -\(10/30/07\)](#)

[Chemical Genetics - Bonner -\(11/1/07\)](#)

[2D Gel Analysis - Yashiro -\(11/6/07\)](#)

[MuDPIT - Domyan -\(11/8/07\)](#)

[Protein-protein interaction &ndash: Yeast two-hybrid - Fanhong -\(11/13/07\)](#)

[Protein-protein interaction &ndash: tandem affinity purification method - Meyers -\(11/15/07\)](#)

Microarray Analysis

[Microarray Design Analysis - \(11/20/07\)](#)

[Microarray Analysis - \(11/29/07\)](#)

[Motif Discovery - \(12/7/07\)](#)