

SEMINARS ON GENOMICS AND BIOINFORMATICS

- Sept 14** **Helen Berman** Dept. of Chemistry, Rutgers University
<http://lifesci.rutgers.edu/~molbiosci/Professors/berman.html>
4:00 PM Research Tower Annex Room V-10
The Protein Data Bank and Structural Genomics
- Sept 15** **Andrei Lupas** SmithKline Beecham Pharmaceuticals
2:00 PM Room 260, Wright-Rieman Laboratories
Tracking protein evolution through bioinformatics
- Sept 20** **Masayasu Nomura** University of California-Irvine
4:00 PM Research Tower Annex Room V10, Robert Wood Johnson Medical
School
**Transcription of Yeast rDNA; cis-elements and trans-factors,
Polymerase Specificity and Nucleolar Structures**
- Sept 28** **David Walt** Department of Chemistry, Tufts
University
4:00 PM <http://ase.tufts.edu/chemistry/walt/index.htm>
Research Tower Annex Room V-10
Randomly Ordered Fiber-Optic Oligonucleotide Array
- Sept 29** **Michael Stanhope** SmithKline Beecham Pharmaceuticals
2:00 PM Room 260, Wright-Rieman Laboratories
**Molecular phylogenetic methods and the evolutionary
history of mammals**
- Oct 5** **Jeff Lawrence** University of Pittsburgh
4:00 PM <http://cobamide2.bio.pitt.edu>
Research Tower Annex Room V-10
**Genetic Headroom: Predicting Rates of Horizontal Gene Transfer
with Genomics**
- Oct 13** **Michael Gribskov** University of California, San Diego
2:00 PM Room 260, Wright-Rieman Laboratories
To be Announced
- Oct 26** **Bik-Kwoon Tye** Mol Biology and Genetics, Cornell University
4:00 PM <http://www.mbg.cornell.edu/tye/research.html>
Research Tower Annex Room V-10
**Multiple Roles of the MCM Proteins in DNA Replication
and Transcription**

- Oct 26** **Gene Myers** Informatics Research, Celera Genomics
TBA CoRE Building, First Floor Auditorium
Whole Genome Assemblies of the Drosophila and Human Genomes
- Oct 27** **Geoff Barton** EMBL-European Bioinformatics Institute, UK
2:00 PM Room 260, Wright-Rieman Laboratories
Progress in protein secondary structure prediction
- Nov 2** **Andrej Sali** Rockefeller University
 <http://guitar.rockefeller.edu/>
4:00 PM Research Tower Annex Room V-10
Comparative Protein Structure Modeling of Genes and Genomes
- Nov 9** **Eugene Koonin** National Center for Biotechnology Information, NIH
 <http://www.ncbi.nlm.nih.gov/CBBresearch/Koonin/>
4:00 PM Research Tower Annex Room V-10
Understanding Evolution through Whole-Genome Comparison
- Nov 10** **Christine Orengo** University College London, UK
2:00 PM Room 260, Wright-Rieman Laboratories
Classifying protein structures in the CATH database:
What can we learn about the evolution of protein structure
and function?
- Nov 16** **Tom Ellenberger** Harvard Medical School
 <http://sbweb.med.harvard.edu/~tome>
4:00 PM Research Tower Annex Room V-10
Structural Studies of a DNA Replication Fork
- Nov. 20** **John Quackenbush** The Institute for Genome Research,
 (TIGR)
12:00 noon D-406 Conference Room, Nelson Bio Labs
A Microarray Cookbook: A Laboratory and Computational Guide
- Dec 1** **John Moulton** University of Maryland
2:00 PM Room 260, Wright-Rieman Laboratories
To be Announced
- Dec 7** **Rama Ranganathan** University of Texas Southwestern Medical
 Center
 <http://swnt240.swmed.edu/gradschool/webrib/ranganat.htm>
4:00 PM Research Tower Annex Room V-10
To be Announced

Dec 7 **James H. Hurley** Laboratory of Molecular Biology, NIDDK, NIH
12:00 noon CABM 010
Structural Genomics of Signaling Transducing Domains