

Autumn, 2009

**9/22: Frances Separovic, Ph.D.**

Univ. of Melbourne

"Membrane interactions of antimicrobial and amyloid peptides"

**10/13: Vinzenz Unger, Ph.D.**

Department of Molecular Biophysics & Biochemistry, Yale University

"From Noisy Images to an Unsuspected Liaison – a CryoEM Tale About the Mechanisms of Cellular Copper Uptake"

**10/22: Richard G. Brennan, Ph.D.**

M.D. Anderson Cancer Center

"Structural mechanisms of multidrug binding and mdr gene regulation: how bugs escape drugs"

Winter, 2010

**1/18: Yuji Goto, Ph.D.**

Institute for Protein Research, Osaka University

Amyloid fibril growth visualized by thioflavin T fluorescence & probed by H/D exchange

**3/2: Sharad Ramanathan, Ph.D.**

Department of Molecular & Cellular Biology, School of Engineering and Applied Sciences

FAS Center for Systems Biology, Harvard University

"Soft directions in biology: what can we learn about evolution from deforming networks inside cells?"

Spring, 2010

**3/30: Paulo F. Almeida, Ph.D.,**

Dept. Chemistry and Biochemistry, University of North Carolina Wilmington

"Interactions of Phospholipids & Cholesterol in Membranes"

**4/6 Jeffrey Skolnick, Ph.D.**

Center for the Study of Systems Biology, Georgia Institute of Technology

"New approaches to protein functional inference & ligand screening with application to the human kinome"

**4/20: Daniel A. Fletcher, Ph. D.**

Bioengineering & Biophysics, UC Berkeley, Physical Biosciences, LBNL

"Some assembly required: Mechanics & dynamics of the actin cytoskeleton"

**4/27: Charles R. Sanders, Ph.D.**

Department of Biochemistry, Center for Structural Biology, Vanderbilt University

"An Experimentally-Derived Model for how KCNE1 Modulates the KCNQ1 Potassium Channel"

**5/18: Daniel A. Fletcher, Ph. D.**

Bioengineering & Biophysics, UC Berkeley, Physical Biosciences, LBNL

"Some assembly required: Mechanics & dynamics of the actin cytoskeleton"

**5/25 Bryan Krantz, Ph. D.**

Departments of Molecular & Cell Biology and of Chemistry, University of California, Berkeley

"Anthrax toxin: a structure/function exploration of protein unfolding & translocation across membranes"

**6/1 David S. Cafiso, Ph. D.**

Department of Chemistry, University of Virginia

"Conformational Exchange and Transmembrane Signaling in Membrane Transport: why spectroscopy is important, even when we have a crystal structure"