



# BioMaPS Seminar Program

Fall 2012

## Systems and Structural Views of Biology

**Proteomics Seminar Room #120**  
**11:00 am - 12:00 pm**

The Fall 2012 Seminar Series will focus on novel ways to develop a better understanding of biological systems, employing diverse systems and structural approaches.

September 5

**Sagar Khare, Rutgers University**

*Understanding protein-ligand interfaces: computational design of new enzymes and binding proteins*

September 19

**Gaetano Montelione, Rutgers University**

*The role of protein NMR in the NIH Protein Structure Initiative*

October 17

**Tarun Kapoor, Rockefeller University**

*Examining the molecular and physical mechanisms underlying error-free cell division*

October 24

**Konstantin Mischaikow, Rutgers University**

*Identifying robust global dynamics for multiparameter nonlinear systems*

November 14

**Lois Pollack, Cornell University**

*RNA folding and X-ray scattering: new tools, new insights*

December 5

**Tatyana Polenova, University of Delaware**

*Structure and dynamics of protein assemblies: insights from magic angle spinning NMR studies*

Rescheduled  
from October 31

**Center for Integrative Proteomics Research**

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