

## Institute for Quantitative Biomedicine (IQB) and CABM Seminar Program



## **Fall 2017 Seminar Series**

Last edited: 11/30/17

## Wednesdays, 12:00 PM





Location:
CABM, Rm. 010
Host: IQB and CABM



September 20
Sijian Wang, Ph.D.
Rutgers University

Precision Medicine in Diabetes



John Kozarich, Ph.D.
ActivX Biosciences, Inc.
Chemoproteomic Profiling of ATPases
for Drug Discovery and Development



October 4

Ivan V. Korendovych, Ph.D.

Syracuse University

De Novo Design of Catalysts

October 11



Ileana Streinu, Ph.D. Smith College Large Scale Rigidity-based Flexibility Analysis of Biomolecules



■ October 18

Davide Comoletti, D.V.M., Ph.D.

Rutgers - Robert Wood Johnson Medical School

Identification and Structural

Characterization of IgLONs, a Family
of Synaptic Adhesion Proteins



October 25

Philip Bryan, Ph.D.
University of Maryland

Engineering Proteins That Switch Fold and Function: Smart proteins from A to Y



November 1

Angela Gronenborn, Ph.D.

University of Pittsburgh

The Awesome Power of Fluorine NMR – Ligand

Binding, PREs and Other Applications



November 8

David Perlin, Ph.D.

Public Health Research Institute Rutgers New Jersey Medical School

Factors Promoting Multidrug Resistance
in Pathogenic Fungi



Tirtharkar Dasgupta, Ph.D.
Rutgers University

Handling Complex Experiments with

November 15





Predrag Radivojac, Ph.D.
Harvard Medical School
Large Scale Prediction of Protein 3D
Structures from Evolutionary Couplings



December 6
Siobain Duffy, Ph.D.
Rutgers University
Single-Stranded DNA Viruses:
Emergent Pathogens with Biased
Molecular Evolution



■ December 13

Subhajyoti De, Ph.D.

Rutgers Cancer Institute of New Jersey

Dissecting Patterns of Cancer

Genome Evolution

More information:

iqb.rutgers.edu/seminars

Series Chair: Stephen K. Burley



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