



Systems Biology: Achieving Organization to Complex Systems

FRIDAY APRIL 30th, 2010

Wang Center at Stony Brook University - Lecture Hall 1

Time: 1:00 PM - 5:00 PM

Speakers:

1:00 - 1:10

Suzanne Scarlata - Stony Brook University
Overview of Systems Biology – Can we really define Mother Nature?

1:10 - 1:40

Sergei Maslov - Brookhaven National Laboratory
Mass-action equilibrium, noise, and non-specific interactions in protein interaction networks

1:40 - 2:10

David Green - Stony Brook University
Parameter sensitivity of G-protein-coupled-receptor signal transduction

2:10 - 2:40

Ravi Iyengar - Mount Sinai School of Medicine
Using protein interaction networks to understand adverse events in the FDA's Adverse Event Reporting System

3:00 - 3:30

Charlie Peskin - Courant Institute, New York University
A look-ahead model for the transcriptional dynamics of RNA polymerase

3:30 - 4:00

Maricedes Acosta - Stony Brook University
Insights on Puberty: Hormonal and Metabolic Control

4:00 - 4:30

Eric Sobie - Mount Sinai School of Medicine
Novel computational techniques provide insight into arrhythmia susceptibility

4:30 - 5:00

Refreshments and informal discussions