



Systems Biology Center New York 2010 Symposium

Thursday December 2nd 2010
Hatch Auditorium

- 8:00 – 9:00 **Registration and Breakfast**
- 9:00 – 10:00 ***Keynote speaker***
THE EVOLUTION OF PHOSPHOTYROSINE AND METHYLARGININE SIGNALING
TONY PAWSON - MOUNT SINAI HOSPITAL, TORONTO
- 10:00 – 10:45 ***IT'S ABOUT TIME: REWIRING REGULATORY CIRCUITS***
AVIV REGEV - BROAD INSTITUTE & MIT
- 10:45 – 11:15 **Coffee break**
- 11:15 – 12:00 pm ***NEUROPROTEOMIC IDENTIFICATION OF SYNAPTIC COMPONENTS REGULATED BY CHRONIC MORPHINE: AN INTEGRATED PROTEOMICS AND SYSTEMS BIOLOGY STUDY***
LAKSHMI DEVI - MOUNT SINAI SCHOOL OF MEDICINE
- 12:00 – 12:45 pm ***INSIGHTS FROM SYSTEMS BIOLOGY INTO MECHANISMS OF DRUG SPECIFICITY***
STUART SEALFON - MOUNT SINAI SCHOOL OF MEDICINE
- 12:45 – 2:00 pm **Lunch**
- 2:00 – 2:45 pm ***MAPPING AND MODELING ErbB RECEPTORS ON THE PLASMA MEMBRANE LANDSCAPE***
BRIDGET WILSON - UNIVERSITY OF NEW MEXICO & SYSTEMS BIOLOGY CENTER FOR SPATIOTEMPORAL MODELING
- 2:45 – 3:30 pm ***A UNIFIED COMPUTATIONAL FRAMEWORK FOR CARDIAC MECHANICS AND ELECTROPHYSIOLOGY***
CHARLES PESKIN - COURANT INSTITUTE FOR MATHEMATICAL SCIENCES, NYU & SBCNY
- 3:30 – 4:00 pm **Coffee break**
- 4:00 – 4:45 pm ***CELL NETWORK MODELING***
GUSTAVO STOLOVITZKY - WATSON RESEARCH CENTER, IBM
- 4:45 – 5:30 pm ***NETWORK MEDICINE: FROM CELLULAR NETWORKS TO THE DISEASOME***
ALBERT LASZLO BARABASI - NORTHEASTERN UNIVERSITY