



Proteomics/BioMaPS & CABM Seminar Program

Systems and Structural Views of Biology

Wednesdays, 12:00 PM*

Last modified: 01/23/2015

■ Seminar Location:
Proteomics, Rm. 120*

■ Seminar Host:
Proteomics/BioMaPS

■ Seminar Location:
CABM, Rm. 010

■ Seminar Host:
CABM

■ Seminar Location:
Proteomics, Rm. 120

■ Joint Host:
Proteomics/BioMaPS &
CABM

* unless otherwise noted



■ January 7

Laura Landweber
Princeton University

RNA-mediated epigenetic inheritance and genome rearrangement in the Ciliate oxytricha



■ January 21

Marc Gartenberg
Rutgers University

Coupling tRNA synthesis with nuclear export and its impact on chromosome folding in yeast



■ January 28

John Hunt
Columbia University

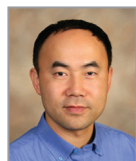
A structural biologist confronts the Central Dogma: elucidation of the mRNA sequence features controlling protein expression in E. coli



■ February 4

Jennifer Lippincott-Schwartz
National Institutes of Health

Cell survival under starvation: Crosstalk between mitochondria, lipid droplets and autophagy



■ February 11

Pei Zhou
Duke University

Translating Structural Insights into novel antibiotics against gram-negative pathogens



■ February 18

Zoltan Szekeley
Rutgers University

The importance of anti-cancer drug selection in designing novel delivery systems



■ February 25 | Location: West Lecture Hall at RWJMS

Taekjip Ha
University of Illinois

Single molecule fluorescence force analysis of DNA and nucleosomes



■ March 4

Seth Blackshaw
Johns Hopkins University School of Medicine

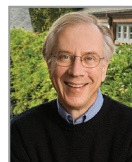
Transcriptional control of retinal cell fate



■ March 11

David Kimball
Rutgers University

Drug invention in the 21st century: Back to the future



■ March 25 • 1:00 pm

Tom Cech
University of Colorado Boulder

Crawling out of the RNA World: Noncoding RNAs and their protein partners



■ April 1

Irene Zohn
Children's Research Institute

Gene-environment interactions and neural tube defects



■ April 8

Seth Darst
Rockefeller University

Structural studies of bacterial transcription



■ April 15

Michael Houghton
University of Alberta, Canada

Towards the control of hepatitis C



■ April 22

Bill Belden
Rutgers University

Chromatin remodeling, natural antisense transcripts, and facultative heterochromatin control the circadian rhythm with surprising twists



■ April 29

Kevin Gardner
CUNY Advanced Science Research Center

Environmentally-regulated protein/protein interactions: Exploiting nature's tools for artificial control



■ May 6

Shohei Koide
University of Chicago

Controlling cellular regulatory networks with synthetic proteins

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