

MBG Fall 2016-Spring 2017

Seminar Series

4pm / G-10 Biotechnology Building

- 08.26 GGD Field Candidate Talks
Hojoong Kwak – Asst. Professor, Cornell MBG
Title: “Probing the Interplay Between RNA and Cellular Architecture”
Fenghua Hu – Asst. Professor, Cornell MBG
Title: “Frontotemporal Dementia: Genes and Molecular Mechanisms”
Host: Bob Weiss rsw26@cornell.edu
- 09.02 Ailong Ke – Promotion Talk, Assoc. Professor, Cornell MBG
Title: “Mechanism of RNA-based gene regulation and immunity”
Host: Bill Brown wjb5@cornell.edu
- 09.09 Michael Lichten – NIH/CCR/NCI, Biochemistry and Molecular Biology
Title: "The interplay between meiotic chromosome structure and recombination biochemistry"
Host: John Schimenti jcs92@cornell.edu
- 09.16 Josh Mendell – UT Southwestern Medical Center, Dept. of Molecular Biology
Howard Hughes Medical Institute
Title: “Regulation and function of noncoding RNAs in mammals”
Host: Andrew Grimson agrimson@cornell.edu
- 09.23 Stirling Churchman – Department of Genetics, Harvard Medical School
Title: “Gene expression regulation at high resolution”
Host: Tom Fox tdf1@cornell.edu
- 09.30 Steve West – Francis Crick Institute
Title: “Molecular Scissors in DNA Repair and Chromosome Segregation”
Co-hosts: Marcus Smolka msb266@cornell.edu and Paula Cohen paula.cohen@cornell.edu
- 10.07 Don Fox – Department of Pharmacology & Cancer Biology, Duke University School of Medicine
Title: “Polyploidy in organ development and repair”
Co-hosts: Tony Bretscher apb5@cornell.edu & Nicolas Buchon nsb56@cornell.edu
- 10.14 Jay Dunlap – Departments of Genetics and Biochemistry, Dartmouth Medical School
Title: “Genetic and Molecular Dissection of a Simple Circadian System”
Host: Tony Bretscher apb5@cornell.edu
- 10.28 Barry Stoddard – Structural Biology, Fred Hutchinson Cancer Research Center
Title: “Invasive genetic elements: the evolution and engineering of targeted DNA recognition and application to genome engineering”
Host: Adam Bogdanove ajb7@cornell.edu

- 11.04 Luke Rice – Department of Biophysics, UT Southwestern Medical Center
Title: “The β -tubulin conformational cycle in microtubule dynamics, regulation, and mechanochemistry”
Host: Tim Huffaker tch4@cornell.edu
- 11.11 Peter Friedl – Department of Genitourinary Medical Oncology, Division of Cancer Medicine, MD Anderson Cancer Center, University of Texas
Title: Microenvironmental Control of Cancer Invasion, Metastasis and Therapy Response”
Host: Ben Cosgrove bdc68@cornell.edu
- 11.18 Will Prinz – NIH / NIDDK / Cell Biology / Cell Signaling
Title: "Lipotoxicity and lipid transport at membrane contact sites."
Host: Jeremy Baskin Jeremy.baskin@cornell.edu
- 12.02 Doina Tumber – Assoc. Professor, Cornell MBG, Promotion talk
Title: TBA
Host: Bill Brown wjb5@cornell.edu
- 12.09 Ferhat Ay – Asst. Professor, Computational Biology, La Jolla Institute for Allergy and Immunology
Title: TBA
Host: Sylvia Lee Sylvia.lee@cornell.edu
- 12.16 Rui Yi – Assoc. Professor, Molecular, Cellular, and Developmental Biology
University of Colorado Boulder
Title: TBA
Host: Doina Tumber tt252@cornell.edu
- 01.13 Xin Chen- Department of Biology,
Johns Hopkins University
Title: Breaking Symmetry- Asymmetric epigenetic inheritance during Drosophila germline stem cell asymmetric division
Host: Ailong Ke ailong.ke@cornell.edu
- 02.10 Jess Tyler- Weill Cornell Medical College
Title: Novel insights into the roles of epigenetics in genome stability and replicative aging
Host: Sylvia Lee sylvia.lee@cornell.edu
- 02.24 Rachel Green- Molecular Biology and Genetics, Johns Hopkins University
Title: “The lifetime of an mRNA is encoded in its sequence”
Host: Shu-Bing Qian sq38@cornell.edu
- 03.03 Ethan Bier- Cell and Developmental Biology, UC San Diego
Title: “The Implications of Active Genetics ”
Host: Philipp Messer pm544@cornell.edu
- 03.10 Vadim Gladyshev- Professor of Medicine, Harvard Medical School
Title: “Mechanisms of aging and redox control”

Host: Yimon Aye ya222@cornell.edu
Carolyn Sevier css224@cornell.edu

- 03.17 Jeongmin Song- Cornell University College of Microbiology & Immunology
Title: "Typhoid Toxin has In Vivo Tropism to Cells Expressing the Multivalent Receptor"
Host: Marcus Smolka msb266@cornell.edu
- 03.31 Wolf-Dietrich Heyer- Microbiology and Molecular Genetics, UC Davis
Title: "Recombination and Chromosomal Rearrangements"
Host: Eric Alani eea3@cornell.edu
- 04.14 Yifan Cheng- Biochemistry & Biophysics, UC San Francisco
Title: Single particle cryo-EM – a breakthrough in structural biology
Host: Ailong Ke ailong.ke@cornell.edu
- 04.21 Eric Lai- Developmental Biology, Memorial Sloan Kettering Cancer Center
Title: RNAi/Slicer biology in flies and mice: tales of sex and blood
Host: Andrew Grimson agrimson@cornell.edu
- 04.28 Cassandra Extavour- Department of Molecular & Cellular Biology, Harvard University
Title: "Alternative model organisms: new tools, new insights into the evolution of development."
Host: Mariana Wolfner mfw5@cornell.edu
- 05.05 Fred Hughson- Professor of Molecular Biology, Princeton University
Title: "Know when to hold 'em, know when to fold 'em: Chaperoning SNARE assembly to control membrane fusion"
Host: Chris Fromme jcf14@cornell.edu
- 05.19 Seung-Jae Lee- Molecular Genetics of Aging, Pohang University of Science & Technology
Title: "Novel factors that regulate aging and immunity in C. elegans: RNA quality control and mitochondrial chaperone"
Host: Sylvia Lee sylvia.lee@cornell.edu