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FALL 2014 Seminars

August 29, 2014 / Speaker: Stephane Bentolila

Cornell University

"Nuclear control of plant organelle gene expression"

Host: [Eric Alani](#)

September 4, 2014 (Thursday) 12:30pm - Biotech G10

Biology without Borders Event / Guest Speaker- Naomi Pierce

Harvard University

"The herbivore's dilemma: never enough nitrogen"

Host: Entomology ([Katja Poveda](#)) and NBB ([Tom Seeley](#))

Sponsored by: Ecology & Evolutionary Biology, Entomology, Molecular Biology & Genetics, Natural Resources, Neurobiology & Behavior, Vice Provost for Research

September 12, 2014 / Speaker: Chun Han

Cornell University

Weill Institute of Cell & Molecular Biology

Department of Molecular Biology and Genetics

"Dissecting the mechanisms of dendrite development and degeneration"

Host: [Kelly Liu](#)

<http://han.wicmb.cornell.edu/>

September 19, 2014 / Speaker: Ilya Finkelstein

Institute for Cellular & Molecular Biology

University of Texas at Austin

"How does RPA rein in a powerful molecular machine that acts in DNA repair and recombination?"

Host: [Eric Alani](#)

<http://finkelsteinlab.org/>

September 26, 2014 / Speaker: Harold Erickson

Duke University

Department of Cell and Molecular Biology, Structural Biology and Biophysics

"Tubulin homolog FtsZ in bacterial cytokinesis - cytoskeleton and motor all in one"

Host: [Tony Bretscher](#)

<http://www.cellbio.duke.edu/harold-p-erickson/>

October 3, 2014 / Speaker: Hong Xu

NIH-National Heart, Lung, and Blood Institute

Laboratory of Molecular Genetics

"How Mothers Give the Best and Enough - Mitochondrial Inheritance in Drosophila"

Host: [Tom Fox](#)

<http://www.nhlbi.nih.gov/research/intramural/researchers/pi/xu-hong/>

October 10, 2014 / Speaker: Gerald Crabtree (CANCELLED)

Stanford University

Department of Pathology Ops Business Office

"Chromatin Regulation: New Methods and New Concepts from Genomic Analysis of Human Disease"

Host: [Marcus Smolka](#)

<https://stanfordwho.stanford.edu/SWApp/lookup?search=Crabtree,+Gerald>

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October 14, 2014 (TUESDAY) BMCB/GGD Biannual Symposium

Public Seminars, Technical Workshops & Student Posters

Featuring distinguished speakers: William Degrad, Brenda Bass, Mark Krasnow, Beverly Wendland, Jasper Rine and Niven Narain

Hosted by the Graduate Fields of BMBB and GGD

October 17, 2014 / Speaker: Deyu Fang

Northwestern University-Feinberg School of Medicine

Department of Pathology

"Sirtuin 1 in inflammation and cancer: a tale of red wine"

Host: [Ling Qi](#)

<http://biology.northwestern.edu/igp/faculty-listings/listing-by-research-areas/cancer-biology/index.html>

October 24, 2014 / Speaker: Shelley Berger

University of Pennsylvania

Perelman School of Medicine

"Epigenetic alterations in age-related disease"

Host: [Sylvia Lee](#)

<http://www.med.upenn.edu/apps/faculty/index.php/g275/p863>

October 31, 2014 / Speaker: Stephen Bell

Indiana University

Molecular and Cellular Biochemistry

"Archaeal Chromosome Dynamics"

Host: [Joe Peters](#) & [Jeff Roberts](#)

<http://www.indiana.edu/~mcbdept/faculty/bell.shtml>

November 6, 2014 (Thursday) 12:30pm- Biotech G10

Biology without Borders Event

Guest Speaker- Cori Bargmann

The Rockefeller University

"Genes and circuits for innate behaviors: a salute to neuroethology"

Host: NBB (Joe Fetcho) and MBG (Andy Clark)

Sponsored by: Ecology & Evolutionary Biology, Entomology, Molecular Biology & Genetics, Natural Resources, Neurobiology & Behavior, Vice Provost for Research

November 14, 2014 / Speaker: Chris Fromme

Weill Institute for Cell and Molecular Biology

Department of Molecular Biology and Genetics

Cornell University

"Directing traffic at the Golgi: What regulates the regulators?"

Host: [Eric Alani](#)

<http://fromme.wicmb.cornell.edu/>

November 20, 2014 (THURSDAY) / 2014 Racker Lecture / Speaker: Phillip A. Sharp

MIT

8:00 p.m. Call Auditorium, Kennedy Hall

"Genes to Biogen, Noncoding RNAs to Alnylam, Science to Innovation"

Host: [David Shalloway](#), [Rick Cerione](#) & [Volker Vogt](#)

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November 21, 2013 (FRIDAY) 4:00 p.m., G10 Biotech Building / Speaker: Phillip A. Sharp
MIT

"The Amazing World of Noncoding RNAs"

Host: [David Shalloway](#), [Rick Cerione](#) & [Volker Vogt](#)

December 5, 2014 / Speaker: Matt DeLisa

Department of Chemical and Biomolecular Engineering

Cornell University

"Expanding the glycobiology toolbox: the rise of bacterial protein glycosylation"

Host: [Bill Brown](#)

<http://www.cheme.cornell.edu/people/profile.cfm?netid=md255>

December 12, 2014 / Speaker: Philipp Messer

Department of Biological Statistics and Computational Biology

Cornell University

"Population genetics of drug resistance evolution in malaria parasites"

Host: [Kelly Liu](#)

<http://messerlab.org/>

December 16, 2014 / Speaker: Karen Miga

Special Event, 10am - G10 Biotech Building

MBG Candidate Seminar

University of California, Santa Cruz

"The Dark Side of the Genome: Sequence and Epigenomic Maps of Human Centromeric Regions"

Host: [Dan Barbash](#)

SPRING SEMINARS

January 8, 2015 / Speaker: Russ Corbett-Detig

Special Event, 9am - G10 Biotech Building

MBG Candidate Seminar

University of California, Berkeley

"Next Generation Population Genomics: Inversion Polymorphisms, Fitness Epistasis, and the Paradox of Variation"

Host: [Dan Barbash](#)

January 12, 2015 / Speaker: Sriram Sankararaman

Special Event, 9am - G10 Biotech Building

MBG Candidate Seminar

Harvard Medical School - Department of Genetics

"Inferring the structure and biological impact of human population mixtures"

Host: [Dan Barbash](#)

January 14, 2015 / Speaker: Mark Siegal

Special Event, 9am - G10 Biotech Building

MBG Candidate Seminar

New York University - Department of Biology

"Buffering and bet hedging: high-throughput phenotypic analysis reveals how yeast cells cope with uncertainty"

Host: [Dan Barbash](#)

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January 20, 2015 / Speaker: Adrian Serohijos

Special Event, 9am – G10 Biotech Building

MBG Candidate Seminar

Harvard University - Department of Chemistry and Chemical Biology

“Integrating population dynamics and biophysics in microbial evolution”

Host: [Dan Barbash](#)

January 23, 2015 / Speaker: Graham McVicker

Special Event, 9am – G10 Biotech Building

MBG Candidate Seminar

Stanford University - Department of Genetics

“Interpreting Human Genetic Variation by Molecular Trait Mapping”

Host: [Dan Barbash](#)

February 20, 2015 / Speaker: Charles Danko

Applicant to the Field of GGD

“Evolutionary Changes in Gene Expression and Regulatory Element Usage Quantified in Primate CD4+ T-Cells”

Host: [Kelly Liu](#)

<http://www.vet.cornell.edu/baker/research/faculty/CharlesDanko.cfm>

March 6, 2015 / Speaker: Gerald Shadel

Yale School of Medicine - Department of Pathology & Genetics

“Mitochondrial Stress Signaling in Aging, Disease and Immunity”

Host: [Sylvia Lee](#)

http://bbs.yale.edu/people/gerald_shadel.profile

March 13, 2015 / Speaker: Roger Greenberg

University of Pennsylvania - Department of Cancer Biology

“DNA Damage Responses and Cancer”

Host: [Marcus Smolka](#)

<http://www.med.upenn.edu/apps/faculty/index.php/g5455356/p8145566>

March 20, 2015 / Speaker: Dr. Zhirong Bao

Developmental Biology Program Sloan Kettering Institute

“Live imaging and systematic *in vivo* single-cell analysis: how to make an organism and its brain”

Host: [Kelly Liu](#)

<https://www.mskcc.org/research-areas/labs/zhirong-bao>

March 27, 2015 / Speaker: Ben Cosgrove

Cornell University - Department of Biomedical Engineering

Title: “Synergistic Biophysical and Biochemical Cues Rejuvenate the Aged Muscle Stem Cell Population”

Host: [Bill Brown](#)

<http://www.bme.cornell.edu/people/profile.cfm?netid=bdc68>

April 3, 2015 / CANCELLED / Speaker: Richard Youle

NIH- Surgical Neurology Branch, NINDS

Host: [Maureen Hanson](#)

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April 10, 2015 / Speaker: Jane Hubbard

NYU Lagone Medical Center Skirball Institute of Biomolecular Medicine "**Environmental and Physiological Influences on Germline Stem Cells in *C. elegans***"

Host: [Kelly Liu](#) & [Mariana Wolfner](#)

<http://skirball.med.nyu.edu/faculty/az/e-jane-albert-hubbard>

April 17, 2015 / CANCELLED / Marian Walhout

U. Mass Medical School – Molecular Medicine

Host: [Haiyuan Yu](#)

April 21, 2015 (Tuesday) 3:30pm - Biotech G10

Biology without Borders Event Guest Speaker- Steve Palumbi

Stanford University

"Evolution and acclimation in the face of climate change in the sea"

Host: Natural Resources ([Matt Hare](#))

Sponsored by: Ecology & Evolutionary Biology, Entomology, Molecular Biology & Genetics, Natural Resources, Neurobiology & Behavior, Vice Provost for Research

April 27, 2015 (Monday) / Speaker: Amnon Koren

Special Event, 2pm - 226 Weill Hall

MBG Candidate Seminar

Harvard Medical School – Department of Genetics

"Genetic and epigenetic variation in human DNA replication timing and mutation rates"

Host: [Dan Barbash](#)

<http://www.amnonkoren.com/>

May 1, 2015 / Cancelled / Speaker: Vamsi Mootha

Harvard University

Host: [Shu-Bing Qian](#)

May 8, 2015 / Speaker: Sylvia Lee

Department of Molecular Biology & Genetics

Cornell University

"Genetic and Epigenetic Determinants of Longevity in *C. elegans*"

Host: [Eric Alani](#)

<https://mbg.cornell.edu/people/siu-lee>

May 15, 2015 / Speaker: Andrew White

Department of Biomedical Sciences, Cornell University

Applicant to the Field of GGD

"Adult Stem Cells and the Genesis of Skin Cancer"

Host: [Kelly Liu](#)

<http://www.vet.cornell.edu/biosci/people/AndrewWhite.cfm>