

MBG Seminar Series, Fall 2015-Spring 2016
G-10 Large Seminar Room / Biotechnology Building

8/28	Doris Bachtrog Assoc. Professor, Integrative Biology, University of California, Berkeley "Sex-specific aging in Drosophila: a role for the Y chromosome?"	10/30	John Gearhart – rescheduled to 04.29.16
		10/30	Steve O'Brien Director, Dobzhansky Center for Genome Bioinformatics, St. Petersburg State University "From Crayons to Perfume – A personal journey from Cornell roots to applications in human and environmental genomic health"
8/31	Sumner Lecture / Patrick Cramer Director, Max Planck Institute for Biophysical Chemistry		
9/4	Amy Williams - Cancelled Asst. Professor, Bio Stats and Computational Bio, Cornell University	11/6	Bingwei Lu Professor, Pathology, Stanford School of Medicine "Mitochondrial Quality Control in Health and Disease"
9/11	Alison Frand Assoc. Prof., Biological Chemistry, UCLA "Time to Make New Skin: Stem Cell and Matrix Dynamics in C. elegans"	11/13	Gerry Fink Professor, Genetics, MIT "Evolution of a genome without sex"
9/18	Rodney Rothstein Professor, Genetics and Development, Columbia University Medical Center "Increased chromosome mobility and the homology search during double-strand break repair"	11/18	Jamie Cate Professor, Biochemistry, Biophysics and Structural Biology, University of California, Berkeley "Human eIF3: The Mediator of Translation"
9/25	Michael Goldberg Professor, MBG, Cornell University "Phosphatase regulation by unfair competition"	11/19	Racker Lecture / Jennifer Doudna
		11/20	Professor, Chemistry and Molecular Cell Biology, University of California, Berkeley "CRISPR Biology: Basic Science and Biotechnology" "The CRISPR-Cas9 Genome Engineering Revolution"
10/2	Xuemei Chen Professor, Center for Plant Cell Biology, University of California, Riverside "A tale of tails – mechanisms of microRNA turnover"		
10/9	Su Guo Professor, Bioengineering, University of California, San Francisco "Asymmetric division of neural stem cells"	12/4	Lee Kraus Professor and Vice Chair, Basic Science, Dept. of Ob/GYN & Pharmacology, University of Texas Southwestern Medical Center, Dallas "PARPs and ADP-ribosylation: Fifty Years and Counting"
10/16	George Mackie Professor, Biochemistry and Molecular Biology, University of British Columbia "Fascination with (mRNA) decay: several vignettes"	12/11	Jacob Mueller Assistant Professor, Human Genetics, University of Michigan Medical School "X vs. Y"

- 1/7 **Candidate Seminar: Marcos Simoes-Costa**
Title: “Gene regulatory control of neural crest axial identity and fate”
9am, 226 Weill Hall
Host: [Kelly Liu](#)
- 1/11 **Candidate Seminar: John Calarco**
Title: “Exploring mRNA Diversity Within the Nervous System”
9am, 226 Weill Hall
Host: [Chun Han](#)
- 1/13 **Candidate Seminar: Kari Lenhart**
Title: “Modified cytokinesis and coordination in a stem cell niche”
9am, 226 Weill Hall
Host: [Nicolas Bunchon](#)
- 1/19 **Candidate Seminar: Jens Rister**
Title: “Precise variations in a short regulatory element control neuron subtype-specific gene expression”
9am, 226 Weill Hall
Host: [Maria Garcia-Garcia](#)
- 1/21 **Candidate Seminar: Amin Ghabrial**
Title: “Molecular Genetic Dissection of Tube Morphogenesis”
9am, 226 Weill Hall
Host: [Tony Bretscher](#)
- 1/25 **Special Candidate Seminar: Swathi Arur**
Title: “MicroRNAs, Pseudo-miRNAs and a Tale of New Birth”
2pm, 226 Weill Hall
Host: [Mariana Wolfner](#)
- 1/29 **Speaker: Paula Cohen**
Cornell University, Department of Biomedical Sciences
Title: “Investigating the molecular regulation of crossover control and chromosome segregation in mammalian meiosis”
Host: [Marcus Smolka](#)
<http://meiosis.cornell.edu/>
- 2/12 **Speaker: Gunther Hollopeter**
Cornell University, Department of Molecular Medicine
Title: “Molecular Mechanisms of Endocytosis Revealed by Genetics”
Host: [Marcus Smolka](#)
- 2/26 **Speaker: Jeremy Baskin**
Cornell University, Weill Institute for Cell and Molecular Biology
Title: “Phosphoinositide synthesis at the plasma membrane and its impact on myelination”
Host: [Marcus Smolka](#)
<http://baskin.wicmb.cornell.edu/>
- 3/4 **Speaker: Andrew White**
Cornell University, Department of Biomedical Sciences
Title: “The Adult Stem Cell Origins of Skin and Epithelial Cancers”
Host: [Marcus Smolka](#)
<http://www.vet.cornell.edu/biosci/people/AndrewWhite.cfm>
- 3/11 **Speaker: Pamela Chang**
Cornell University, College of Veterinary Medicine
Title: “Regulation of the immune system by gut microbial metabolites”
Host: [Marcus Smolka](#)
<http://www.pamchangelab.com/>
- 3/18 **Speaker: Carrie Adler**
Cornell University, Department of Molecular Medicine
Title: “Uncovering mechanisms of organ regeneration in planarians”
Host: [Bob Weiss](#)
- 3/25 **Speaker: Keith Blackwell**
Joslin Diabetes Center, Harvard Medical School, Department of Genetics
Title: “Redox homeostasis, metabolic signaling, and aging”
Host: [Sylvia Lee](#)
<http://hsci.harvard.edu/people/keith-blackwell-md-phd>
- 4/1 **Speaker: Lars Steinmetz**
Stanford School of Medicine, Department of Genetics
Title: “Rare diseases, Levitating cells and Single cell genomics”
Host: [Eric Alani](#)
<https://med.stanford.edu/profiles/lars-steinmetz>

- 4/8 **Speaker: John Briggs**
EMBL, Heidelberg, Structural and
Computational Biology
**Title: "Trafficking vesicles and enveloped
viruses - the new view from 3D electron
microscopy"**
Host: [Chris Fromme](mailto:Chris.Fromme@embl.de)
<http://www.embl.de/research/units/scb/briggs/index.html>
- 4/15 **Speaker: Gregory Lang**
Lehigh University, Department of Biological
Sciences
**Title: "Genome sequence evolution in
experimental populations of yeast"**
Host: [Eric Alani](mailto:Eric.Alani@lehigh.edu)
<http://www.lehigh.edu/bio/Faculty/Lang.html>
- 4/18 **Speaker: Michael Akam**
University of Cambridge, Department of
Zoology
**Title: "The Evolution of Arthropod
Segmentation: A fresh look at the *Drosophila*
paradigm"**
Host: [Mariana Wolfner](mailto:Mariana.Wolfner@zoo.cam.ac.uk)
<http://www.zoo.cam.ac.uk/directory/michael-akam>
- 4/22 **Speaker: Meng Wang**
Baylor College of Medicine, Department of
Molecular and Human Genetics
**Title: "Metabolic Drivers in Longevity
Regulation"**
Host: [Sylvia Lee](mailto:Sylvia.Lee@bcm.edu)
<https://www.bcm.edu/people/view/>
- 4/29 **Speaker: John Gearhart**
University of Pennsylvania, Department of Cell
Developmental Biology
**Title: "Stem Cells & Regenerative Medicine –
Some Progress, Many Challenges"**
Host: [Ross MacIntyre](mailto:Ross.MacIntyre@upenn.edu)
<http://www.med.upenn.edu/apps/faculty/index.php/g20001040/p8213305>
- 5/6 **Speaker: Rodrigo Reyes**
McGill University, Department of Biology
**Title: "Single-molecule studies of DNA
replication in live cells"**
Hosts: [Marcus Smolka](mailto:Marcus.Smolka@mcgill.ca)
http://biology.mcgill.ca/faculty/reyes_lamothe/
- 5/13 **Speaker: Bill Snell - CANCELLED**
UT Southwestern, Department of Cell Biology
Host: [Bill Brown](mailto:Bill.Brown@utsouthwestern.edu)
<http://www.utsouthwestern.edu/labs/snell/>
- 5/13 **Speaker: Bruce Futcher**
Stony Brook University, Department of
Molecular Genetics & Microbiology
**Title: "Attenuation of Genes and Viruses by
Hidden Translational Codes"**
Host: [Tony Bretscher](mailto:Tony.Bretscher@stonybrook.edu)
<http://www.mgm.stonybrook.edu/futcher/index.shtml>
- 5/20 **Speaker: Andrew Grimson**
Cornell University, Department of Molecular
Biology & Genetics
**Title: "The Messenger's Tale: Decoding Post-
transcriptional Gene Regulation in the 3'UTR"**
Host: [Eric Alani](mailto:Eric.Alani@cornell.edu)
<https://sites.google.com/site/grimsonlab/>