

**MBG Fall 2018 Seminar Series**  
**4pm / G-10 Biotechnology Building**

**08.24: Jody Rosenblatt:** *H. A. and Edna Benning Presidential Endowed Chair, HHMI Faculty Scholar, Professor, Huntsman Cancer Institute, Department of Oncological Sciences, University of Utah*

Title: "Epithelial cell extrusion and its misregulation in disease"

Host: Tony Bretscher [apb5@cornell.edu](mailto:apb5@cornell.edu)

Website: <https://uofuhealth.utah.edu/huntsman/labs/rosenblatt/>

**08.31: Frederick Maxfield:** *Horowitz Professor and Chairman, Department of Biochemistry, Interim Chair, Department of Cell & Developmental Biology, Weill Cornell Medical College*

Title: How macrophages and microglia eat objects larger than themselves (dead adipocytes and amyloid)

Host: Bill Brown

Website: <http://vivo.med.cornell.edu/display/cwid-frmaxfie>

**09.07: Sarah Hall:** *Department of Biology, Syracuse University*

Title: "Somatic aging pathways promote fertility after starvation stress in *C. elegans*"

Host: Sylvia Lee [sylvia.lee@cornell.edu](mailto:sylvia.lee@cornell.edu)

Website: <http://wormlab.syr.edu/>

**09.14: Dieter Egli:** *Assistant Professor of Developmental Cell Biology (in Pediatrics)*

Title: Genetic stability during cell type transitions

Host: Amnon Koren

Website: <https://www.eqilab.com/>

**09.21: Adrian Krainer:** *Professor, St. Giles Professorship of Neuroscience, Cold Spring Harbor Laboratory*

Title: Antisense Therapy for Spinal Muscular Atrophy: Harnessing the Power of a Backup Gene

Host: Eric Alani [eea3@cornell.edu](mailto:eea3@cornell.edu)

Website: <https://www.cshl.edu/research/faculty-staff/adrian-r-krainer/>

**09.28: Todd Macfarlan:** *Stadtman Investigator, Unit on Mammalian Epigenome Reprogramming, NIH*

Title: "Zinc finger protein evolution against transposons and its impact on mammals."

Host: Cedric Feschotte

Website: <https://science.nichd.nih.gov/confluence/display/macfarlan/Home>

**10.05: Veena Prahlad:** *Associate Professor, Aging Mind & Brain Initiative, The University of Iowa*

Title: "Neurosensory control of the heat shock transcription factor HSF1"

Host: Sylvia Lee [sylvia.lee@cornell.edu](mailto:sylvia.lee@cornell.edu)

Website: <https://prahlad.lab.uiowa.edu/>

**10.12: Liqun Luo:** *Ann and Bill Swindells professor in the school of humanities and sciences and professor, by courtesy, of neurobiology, Stanford University*

Title: "Assembly and Organization of Neural Circuits"

Host: Chun Han

Website: <https://web.stanford.edu/group/luolab/>

**10.19: Elena Ezhkova:** *Associate Professor, Cell, Developmental & Regenerative Biology, Mount Sinai*

Title: "Epigenetic regulation of skin development and skin stem cells"

Host: Doina Tumber

Website: <https://www.ezhkova-lab.com/>

**10.26: James Berger:** *Co-Director, Cancer Chemical and Structural Biology Program, Johns Hopkins Sidney Kimmel Comprehensive Cancer Center, Professor of Biophysics and Biophysical Chemistry, Johns Hopkins Medicine*

Title: "(Un?)Structural mechanisms for initiating DNA replication"

Host: Eric Alani [eea3@cornell.edu](mailto:eea3@cornell.edu)

Website: <http://berger.med.jhmi.edu/>

**11.09: William James Greenleaf:** *Associate Professor of Genetics and, by courtesy, of Applied Physics, Stanford University*

Title: "Exploring the physical genome"

Host: John Lis

Website: <http://greenleaf.stanford.edu/>

**11.30: David Cortez:** *Professor of Biochemistry, Ingram Professor Cancer Research, Biochemistry Department, Vanderbilt University*

Title: "Maintaining genome stability during DNA replication"

Host: Marcus Smolka

Website: <https://lab.vanderbilt.edu/cortez-lab/>

**12.07: Christian Landry:** *Professor, Laval University's Institute for Integrative Systems Biology*

Title: "Robustness and fragility of cellular networks"

Host: MBG Postdocs

Website: <https://landrylab.ibis.ulaval.ca/>

**12.14: Carrie Adler:** *Assistant Professor, Molecular Medicine, Cornell University*

Title: "Mechanical injury alters stem cell survival in planarians"

Host: BMCB Field Candidate

Website: <http://adlerlab.vet.cornell.edu/>

**Bethany Cummings:** *Assistant Professor, Biomedical Sciences, Cornell University*

Title: " $\beta$ -cell GLP-1R signaling alters  $\alpha$ -cell proglucagon processing after vertical sleeve gastrectomy in mice"

Host: BMCB Field Candidate

Website: <http://cumminglab.vet.cornell.edu/>

**MBG Spring 2019 Seminar Series  
4pm / G-10 Biotechnology Building**

- 01.04 Michael Lampson – University of Pennsylvania**  
Title: "Violation of Mendel's First Law: chromosome competition in meiosis"  
Host: Dan Barbash  
Website: <http://web.sas.upenn.edu/lampson-lab/>
- 01.11 NO SEMINAR**
- 01.18 NO SEMINAR**
- 01.25 BMCB Field Candidate Seminar**  
Joeva Barrow – Nutritional Sciences, Cornell  
Title: "Unbiased High-Throughput Screening Approaches to Combat Mitochondrial and Metabolic Disease"  
Host: Chris Fromme, BMCB DGS  
Website: <https://www.human.cornell.edu/people/jb2254>
- 02.01 NO SEMINAR – GRAD STUDENT RECRUITMENT**
- 02.08 First Decade of Science in the Weill Institute - 1:40-5:30 pm in Biotech G-10 & G-01**
- 02.15 Joe Bondy-Denomy – University of California, San Francisco**  
Title: "How bacteriophages protect themselves from CRISPR"  
Host: Joe Peters  
Website: <https://bondydenomylab.ucsf.edu/>
- 02.22 NO SEMINAR – GRAD STUDENT RECRUITMENT**
- 03.01 Chuan He – University of Chicago**  
Title: "Studies of RNA methylation and chromatin structure"  
Host: Hening Lin  
Website: <http://he-group.uchicago.edu/>
- 03.08 NO SEMINAR – GRAD STUDENT RECRUITMENT**
- 03.15 Sarah Zanders – Stowers Institute for Medical Research**  
Title: "*wtf* causes infertility"  
Host: Dan Barbash  
Website: <https://www.stowers.org/faculty/zanders-lab>
- 03.22 Tim McGraw – Weill Cornell**  
Title: "From regulated vesicle trafficking to whole body metabolic homeostasis"  
Host: Chris Fromme  
Website: <http://www.mcgrawlab.com/>
- 03.29 Jeremy Dittman – Weill Cornell**  
Title: "Molecular control of synaptic vesicle fusion"  
Host: Chris Fromme  
Website: <https://sites.google.com/site/dittmanlabhomepage/>

**04.05 Ji-Long Liu – ShanghaiTech University**

**Title:** The cytoophidium: A new member of the organelle family

**Host:** Chun Han

**Website:** <http://cytoophidia.org/index.html>

**04.12 Peter Walter – University of California, San Francisco**

**Title:** From protein folding to cognition: a serendipitous path of discovery

**Host:** MBG Postdoc Invitee

**Website:** <http://walterlab.ucsf.edu/>

**04.19 Zhenglong Gu - Cornell University**

**BMCB Field Candidate**

**Title:** "Mitochondrial DNA Mutation and Disease"

**Host:** Chris Fromme

**Website:** <http://www.gu.human.cornell.edu/>

**04.26 Robert Anholt – Clemson University**

**Title:** "Genetics of Behavior in Drosophila"

**Host:** Mariana Wolfner

**Website:** <https://genetics.sciences.ncsu.edu/people/anholt/>

**05.03 NO SEMINAR**

**05.10 Adam Martin – MIT**

**Title:** "Folding tissues across length scales: cell-based origami"

**Host:** Maria Garcia

**Website:** <http://web.mit.edu/martin-lab/>

**05.17 Angela Nieto - University Miguel Hernández**

**Title:** "Cell plasticity in development and disease" (The INs and OUTs of the EMT)

**Host:** Marcos Simoes-Costa

**Website:** <https://zfin.org/ZDB-LAB-110912-2>

**CANCELLED**