

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

08.23 Jay Hirsch: *Professor of Biology, Director of Undergraduate Program in Neuroscience, University of Virginia*

Title: Dopamine dependent regulatory responses in flies and mice

Host: Eric Alani and Mariana Wolfner

Website: <http://bio.as.virginia.edu/people/ih6u>

08.30 Lan Huang: *Professor, Department of Physiology & Biophysics, UC Irvine*

Title: "Cross-linking Mass Spectrometry for Defining Protein Interactions and Structures"

Host: Haiyuan Yu

Website: <https://webfiles.uci.edu/lanhuang/www/>

09.06 Philippe Soriano: *Professor, Icahn School of Medicine at Mount Sinai*

Title: Untangling signaling specificity in development, one phosphate at a time

Host: Marcos Simoes-Costa

Website: <https://www.mountsinai.org/profiles/philippe-m-soriano>

09.20 Yuxin Mao: *Associate Professor, Molecular Biology & Genetics, Cornell University*

Title: "Ubiquitin hijacking in bacterial pathogen-host interactions"

Website: <https://mbg.cornell.edu/people/yuxin-mao/>

09.27 Klaas Van Wijk: *Professor in the Section of Plant Biology, School for Integrative Plant Science, Cornell University*

Title: Chloroplast Proteostasis and the Clp protease system

Host: Maureen Hanson

Website: <https://plantbio.cals.cornell.edu/people/klaas-van-wijk/>

10.04 Eva Nogales: *Howard Hughes Medical Institute investigator; a Professor of Biochemistry and Molecular Biology at the University of California, Berkeley; and Senior Faculty Scientist at the Lawrence Berkeley National Laboratory*

Title: "Visualization of key protein complexes in gene regulation towards a mechanistic understanding of their function"

Host: Christopher Furman

Website: <http://cryoem.berkeley.edu/>

10.11 Alex Kentsis: *Pediatric Oncologist, Memorial Sloan Kettering*

Title: Somatic DNA rearrangements in human development and disease by domesticated DNA transposases

Host: Cedric Feschotte

Website: <https://www.mskcc.org/research/ski/labs/alex-kentsis>

10.18 Marcus Smolka: *Professor, Molecular Biology & Genetics, Cornell University*

Title: "Sense and Sensibility: How Kinases Safeguard Eukaryotic Genomes"

Website: <https://mbg.cornell.edu/people/marcus-smolka/>

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11.01 Chun Han: *Associate Professor, Molecular Biology & Genetics, Cornell University*

Title: "Cell-cell interactions in dendrite development and degeneration"

Website: <https://mbg.cornell.edu/people/chun-han/>

11.08 Leighton Core: *Assistant Professor, Molecular and Cell Biology / Genetics and Genomics, University of Connecticut*

Title: "Multiple Modes of Transcriptional Regulation During the Cell Cycle"

Host: John Lis

Website: <https://mcb.uconn.edu/person/leighton-core/>

11.15 Charles Aquadro: *Professor, and Director, Cornell Center for Comparative and Population Genomics, Cornell University*

Eric Alani: *Professor, Molecular Biology & Genetics, Cornell University*

Title: A Yeast Molecular Biologist and a Population Geneticist: 16 years of Incompatibility

Website: <https://mbg.cornell.edu/people/charles-aquadro/>

Website: <https://mbg.cornell.edu/people/eric-alani/>

12.06 Paul Defigueiredo: *Associate Professor, College of Medicine, Texas A&M University*

Title: Mechanisms controlling intracellular parasitism by the bacterial pathogen *Brucella melitensis*

Host: Bill Brown

Website: <https://medicine.tamhsc.edu/faculty/de-figueiredo.html#publications>

12.13 Lin He: *Associate Professor and Thomas and Stacey Siebel Distinguished Chair in Stem Cell Research, Associate Professor of Cell and Developmental Biology, University of California, Berkeley*

Title: "miRNAs and retrotransposons, functional non-coding elements in development and disease"

Host: Cedric Feschotte

Website: <http://helabucb.weebly.com>

Website: <https://mcb.berkeley.edu/faculty/CDB/hel.html>

MBG Spring 2020 Seminar Series
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02.07 Florian Schur: *Assistant Professor, Institute of Science and Technology Austria*

Title: "From viruses to cells - Toward high-resolution cellular structural biology using cryo-electron tomography"

Host: Robert A Dick and Volker M Vogt

Website: <https://ist.ac.at/en/research/schur-group/>

02.14 Jill Wildonger: *Associate Professor, University of Wisconsin-Madison*

Title: Building Neuronal Function with Motors & Microtubules

Host: Chun Han

Website: <https://biochem.wisc.edu/faculty/wildonger>

02.28 Stanley Qi: *Assistant Professor, Department of Bioengineering, Department of Chemical and Systems Biology, Stanford ChEM-H Institute*

Title: Genome Engineering and Synthetic Biology for Studying Genomics and Cell Engineering

Host: Ailong Ke

Website: <http://med.stanford.edu/qilab.html>

CANCELLED 03.13 Needhi Bhalla: *Professor Department of Molecular, Cell and Developmental Biology University of California, Santa Cruz*

Title: A Tale of Two Checkpoints

Host: Carrie Adler

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

CANCELLED 03.20 Ya-Chieh Hsu: *Alvin and Esta Star Associate Professor of Stem Cell and Regenerative Biology at Harvard University, and a Principal Faculty Member at the Harvard Stem Cell Institute*

Title: "Nerve-Stem Cell Interactions in the Skin"

Host: Tudorita Tumber

Website: <https://hsci.harvard.edu/people/ya-chieh-hsu-phd>

CANCELLED 03.27 Zhenyu Yue: *Aidekman Family Professorship, Professor of Neurology and Neuroscience Director, Basic and Translational Research of Movement Disorders, Mount Sinai*

Title: "Autophagy: A Selective Eater that Protects Brain"

Host: Fenghua Hu

Website: <http://labs.icahn.mssm.edu/yuelab/>

CANCELLED 04.03 Nidhi Sahni: *Assistant Professor, Department of Epigenetics and Molecular Carcinogenesis, The University of Texas MD Anderson Cancer Center*

Title: "High content phenotyping of genetic variants at single base resolution in cancer"

Host: Haiyuan Yu

Website: https://faculty.mdanderson.org/profiles/nidhi_sahni.html

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CANCELLED 04.17 Xiaolan Zhao: *Professor, Sloan Kettering Institute*

Title: "Insights into how genome guardians support DNA duplication and cell cycle progression"

Host: Marcus Smolka

Website: <https://www.mskcc.org/research/ski/labs/xiaolan-zhao>

CANCELLED 04.24 Richard Kolodner: *Cancer genomics, Tumor biology, Ludwig Institute for Cancer Research, San Diego Branch - UCSD*

Host: Marcus Smolka

Website: <https://www.ludwigcancerresearch.org/scientist/richard-d-kolodner/>

CANCELLED 05.07- 05.8 Brenda Schulman: *Director, Max Planck Institute of Biochemistry*

Host: Chris Fromme

Website: <https://www.biochem.mpg.de/schulman>

05.22 Tobias Doerr: *Assistant Professor, Department of Microbiology, Weill Institute for Cell and Molecular Biology, Cornell University*

Title: "A matter of life and death: Mechanisms of cell envelope turnover in Gram-negative bacteria"

Host: Chris Fromme

Website: <https://doerr.wicmb.cornell.edu/>

05.29 Martha Field: *Assistant Professor, Division of Nutritional Sciences, Cornell University*

Title: Metabolic causes and consequences of increased erythritol production from glucose

Host: Chris Fromme

Website: <https://www.human.cornell.edu/people/mas246>