

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

- 01.08 Cryo-EM faculty candidate, Shane Gonen 3:00pm**
Title: "Harnessing the Potential of Cry-EM Through Protein Design"
- 01.12 Cryo-EM faculty candidate, Liz Kellogg 3:00pm**
Title: "Using cryo-EM to reveal the structure of microtubule-bound tau"
- 01.26 Cryo-EM faculty candidate, James Letts 3:00pm**
Title: "Cryo-EM structural studies of the mammalian mitochondrial respiratory chain"
- 01.29 Cryo-EM faculty candidate, Jean-Paul Armache 3:00pm**
Title: TBA
- 02.06 Cryo-EM faculty candidate, Wei Mi 3:00pm**
Title: "Trap and Flip": Conformational Snapshots and Mechanism of a Lipid Flippase"
- 02.09 Jim Shorter – Perelman School of Medicine**
Title: "Reversing aberrant phase transitions of RNA-binding proteins connected to ALS"
Host: Grad Student Invitee
Website: <https://www.med.upenn.edu/shorterlab/>
- 02.16 Jess Tyler – Weill Cornell Medical College**
Title: "The influence of epigenetics on mitotic aging and genomic instability"
Host: Sylvia Lee (sylvia.lee@cornell.edu)
Website: <http://jesstylerlab.info/>
- 02.23 NO SEMINAR**
- 03.02 Sarah Hall – Syracuse University**
Title: "Early experiences program distinct adult gene expression and reproductive phenotypes via RNAi and endocrine signaling in *Caenorhabditis elegans*"
Host: Sylvia Lee (sylvia.lee@cornell.edu)
Website: <http://wormlab.syr.edu/>
- 03.09 Frank Pugh – Pennsylvania State University**
Title: Genomic mechanisms of gene regulation and chromatin organization
Host: John Lis (johnlis@cornell.edu)
Website: <http://www.pughlab.psu.edu/tag/pugh-lab/>
- 03.16 NO SEMINAR**
- 03.23 Jeremy Luban – University of Massachusetts Medical School**
Title: "Innate Immunity to HIV-1"
Host: Volker Vogt (vmv1@cornell.edu)
Website: <http://www.lubanlab.org/>
- 03.30 Nancy Bonini – University of Pennsylvania**
Title: "Insights into neural degeneration from *Drosophila* genetics"
Host: Mariana Wolfner (mariana.wolfner@cornell.edu)
Andy Clark (ac347@cornell.edu)
Website: <http://web.sas.upenn.edu/bonini-lab/>

04.06 Lyle A. Simmons – University of Michigan

Title: "Mechanisms of genome stability and cell cycle control"

Host: Eric Alani (eea3@cornell.edu)

Website: www.mcdb.lsa.umich.edu/labs/simmons/index.php

04.13 NO SEMINAR

04.20 Gary Wessel – Brown University

Title: Just go to the big fork in the road, and take it:

Transitions in the embryo to the germ line, and to the soma

Host: Mariana Wolfner (mariana.wolfner@cornell.edu)

Website: <https://www.brown.edu/research/labs/wessel/welcome-providence-institute-molecular-oogenesis>

04.27 Maria Jasin – Memorial Sloan Kettering Cancer Center

Title: "Protecting the genome by homologous recombination: tumor suppression and genome transmission"

Host: Marcus Smolka (mbs266@cornell.edu)

Website: <https://www.mskcc.org/research-areas/labs/maria-jasin>

05.04 Harmit Malik – Fred Hutchinson Cancer Research Center

Title: "Genetic conflicts shape meiosis and centromeres"

Host: Postdoc Invitee

Website: <http://labs.fhcrc.org/malik/>

05.11 Bob Goldstein – University of North Carolina at Chapel Hill

Title: "Water bears: An emerging model for understanding how animal body forms evolve and how biological materials can survive some remarkable extremes"

Host: Kelly Liu (kelly.jun.liu@cornell.edu)

Website: <http://bio.unc.edu/people/faculty/goldstein/>

05.18 Abby Dernburg – University of California, Berkeley

Title: "Regulation of meiotic recombination through a liquid crystalline phase."

Host: Postdoc Invitee

Website: <https://mcb.berkeley.edu/labs/dernburg/>