

**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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:mariana.wolfner@cornell.edu))  
Andy Clark ([ac347@cornell.edu](mailto: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](mailto:eea3@cornell.edu))

**Website:** [www.mcdb.lsa.umich.edu/labs/simmons/index.php](http://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](mailto: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:** TBA

**Host:** Marcus Smolka ([mbs266@cornell.edu](mailto: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:** TBA

**Host:** Kelly Liu ([kelly.jun.liu@cornell.edu](mailto:kelly.jun.liu@cornell.edu))

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

**05.18 Abby Dernburg – University of California, Berkeley**

**Title:** TBA

**Host:** Postdoc Invitee

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

**05.25 NO SEMINAR**

**06.08 Alex Kentsis – Memorial Sloan Kettering Cancer Center**

**Title:** TBA

**Host:** Cedric Feschotte ([cf458@cornell.edu](mailto:cf458@cornell.edu))

**Website:** <http://alexkentsis.net>