



## Cornell University Department of Molecular Biology and Genetics

### 2010-11 Archived Seminars

**June 3, 2011**

**Ailong Ke**

Department of Molecular Biology & Genetics

Cornell University

Title: *"Ligand-sensing and oligomerization mechanisms in RNA"*

Host: Ken Kempthues

<http://gradededucation.lifesciences.cornell.edu/faculty/individual15976>

**May 20, 2011**

**Victor Ambros**

Graduate School of Biomedical Biomedical Sciences

University of Massachusetts, Worcester

Title: *"MicroRNA pathways in animal development"*

Host: Ken Kempthues

<http://www.umassmed.edu/igp/faculty/Ambros.cfm>

**May 13, 2011**

**Helen Salz**

Department of Genetics, School of Medicine

Case Western Reserve University, Cleveland Ohio

Title: *"Sex Determination in Drosophila: a binary decision based on alternative splicing"*

Host: Mariana Wolfner

[http://genetics.case.edu/?page\\_id=5&LN=Salz&FN=Helen](http://genetics.case.edu/?page_id=5&LN=Salz&FN=Helen)

**May 6, 2011**

**Abby Dernburg**

HHMI, Department of Molecular & Cell Biology

University of California, Berkeley

Title: *"Chromosone Choreography during meiosis"*

Host: Eric Alani

[http://mcb.berkeley.edu/index.php?option=com\\_mcbfaculty&name=dernburga](http://mcb.berkeley.edu/index.php?option=com_mcbfaculty&name=dernburga)

**April 29, 2011**

**Philip Cole**

Department of Pharmacology

John Hopkins University

Title: *"Chemical approaches to sorting out protein Kinases"*

Host: Hening Lin

[http://www.hopkinsmedicine.org/institute\\_basic\\_biomedical\\_sciences/research/nih\\_initiatives/technology\\_center\\_networks\\_pathways/investigators/cole.html](http://www.hopkinsmedicine.org/institute_basic_biomedical_sciences/research/nih_initiatives/technology_center_networks_pathways/investigators/cole.html)

**April 22, 2011**

**Speaker- Terry Magnuson**

Department of Genetics

University of North Carolina, School of Medicine

Title: *"X Chromosome Inactivation: A Model System for Mammalian Epigenetic Processes"*

Host: John Schimenti

<http://genetics.unc.edu/faculty/magnuson>

**April 15, 2011**

**David Jameson**

Department of Cell &amp; Molecular Biology

University of Hawaii at Manoa, John A. Burns School of Medicine

Title: ***"Through a Glass, Darkly: Looking at Protein Interactions in and out of Cells"***

Host: Shih Lin Goh

**April 8, 2011****William Jeffery**

College of Chemical &amp; Life Sciences

University of Maryland

Title: ***"Evolution and Development: A View From the Blind Cavefish"***

Host: Mariana Wolfner

<http://www.life.umd.edu/labs/jeffery/>**April 1, 2011****John Tainer**

Department of Biology

Scripps Research Institute &amp; Skaggs Institute for Chemical Biology

Title: ***"DNA repair complexes as keys to cell biology, cancer initiation & interventions"***

Host: Brian Crane

<http://www.scripps.edu/~jat/>**March 24, 2011 (THURSDAY SEMINAR)****Mike Snyder**

Department of Genetics

Stanford University

Title: ***"Personal and Non-personal genomes: Their analysis and Variation"***

Host: Andy Clark

<http://snyderlab.stanford.edu/>**March 18, 2011****John Fondon (CANCELLED)**

Department of Biology

University of Texas, Arlington

Title: ***"Investigating the role of genomic plasticity in candid morphological diversity."***

Host: Nate Sutter

<http://www.uta.edu/biology/fondon/>**March 11, 2011****Philip Reilly, MD, JD**

Third Rock Ventures

Boston, MA

Title: ***"Adventures in Venture Capital: Starting Companies to Treat Rare Genetic Disorders"***

Host: Charles (Chip) Aquadro

[http://www.thirdrockventures.com/team\\_venture.php](http://www.thirdrockventures.com/team_venture.php)**March 4, 2011****George Cotsarelis**

Department of Dermatology

University of Pennsylvania Health System

Title: ***"Hair follicle stem cells and skin regeneration"***

Host: Tudorita (Doina) Tumber

<http://www.uphs.upenn.edu/dermatol/faculty/cotsarelis.html>**February 25, 2011****Mary Rumpho-Kennedy**

Department of Molecular & Biomedical Sciences  
University of Maine

Title: ***"The evolution of a photosynthetic animal: views from developmental biology to high-throughput genomics"***

Host: Tom Fox

<http://umaine.edu/biomed/faculty/mary-rumpho-kennedy/>

**February 18, 2011**

**Charlie Boone**

Donnelly Centre for Cellular & Biomolecular Research  
University of Toronto, Ontario

Title: ***"The Genetic Landscape of a Cell"***

Host: Zhenglong Gu

<http://www.utoronto.ca/boonelab/contact/index.shtml>

**February 11, 2011**

**Speaker-Ruth Ley**

Department of Microbiology  
Cornell University

Title: ***"The gut microbiome in obesity-related diseases"***

Host: Paul Soloway

<http://www.micro.cornell.edu/cals/micro/research/labs/ley-lab/>

**February 7, 2011 (NOTE: Monday Seminar)**

**Jonathan Pritchard**

Department of Human Genetics  
HHMI, University of Chicago

Title: ***"Genomic and computational approaches to understanding variation in human gene expression"***

Host: Cornell Center for Comparative & Population Genomics (3CPG)

<http://pritch.bsd.uchicago.edu/>

**February 4, 2011**

**Maurine Linder**

Department of Molecular Medicine  
Cornell University, College of Veterinary Medicine

Title: ***"Greasing up proteins: mechanism and consequences"***

Host: Volker Vogt and Sylvia Lee

[http://web.vet.cornell.edu/public/pharmacology/Maurine\\_Linder/frame\\_Linder.html](http://web.vet.cornell.edu/public/pharmacology/Maurine_Linder/frame_Linder.html)

**January 28, 2011**

**Douglas Cavener**

Title: ***"Regulation of insulin biogenesis and beta cell proliferation in response to perturbed metabolic states"***

Department of Biology  
Pennsylvania State University

Host: Ling Qi

<http://www.bio.psu.edu/directory/drc9/?searchterm=douglas%20cavener>

**January 21, 2011**

**Tanya Paul-~~CANCELED!~~**

HHMI- Department of Molecular Genetics & Microbiology  
The University of Texas at Austin

Title: ***"ATM Activation by Oxidative Stress"***

Host: Eric Alani

<http://www.biosci.utexas.edu/mgm/People/Faculty/profiles/?id=1740>

**December 17, 2010**

**Special Seminar Talks**

**MBGeezer Fest: Celebrating Turning 60**

Time: 1:00 - 4:00 p.m.

Short talks from 8 MBG faculty members turning 60

**Friday Seminar Guest Speaker: Gerald Fink**

MIT Whitehead Institute

Time: 4 p.m.

Title: "***Genotype to Phenotype: An Inconvenient Truth***"

Host: Jeff Roberts &amp; Scott Emr

<http://www.wi.mit.edu/research/fink.html>**December 10, 2010****Max Gottesman**

Department Genetics &amp; Development

Columbia University, Medical Center

Title: "***Transcription Termination and Chromosome Integrity in E.coli***"

Host: Jeff Roberts

[http://asp.cumc.columbia.edu/facdb/profile\\_list.asp?DepAffil=Genetics&uni=meg8](http://asp.cumc.columbia.edu/facdb/profile_list.asp?DepAffil=Genetics&uni=meg8)**December 3, 2010****Tom Pollard**

Department of Molecular Cell &amp; Developmental Biology

Yale University

Title: "***Combining biochemistry, quantitative measurements on live cells and modeling to understand cytokinesis and endocytosis***"

Host: Tony Bretscher

[http://www.yale.edu/pollard\\_lab/](http://www.yale.edu/pollard_lab/)**November 19, 2010****MBG Friday Seminar**Speaker: **Mario Capecchi**

4:00 P.M. G-10 Biotech Building

Title: "***Gene Targeting into the 21st Century: Mouse Models of Human Disease from Cancer to Neuropsychiatric Disorders***"Host: **David Shalloway, Rick Cerione, Volker Vogt****Thursday, November 18, 2010****2010 Racker Lecture**Speaker: **Mario Capecchi**

8:00 p.m. Call Auditorium, Kennedy Hall

Title: "***The Making of a Scientist: An Unlikely Journey***"Host: **David Shalloway, Rick Cerione, Volker Vogt****November 12, 2010****Marco Foiani**

Department of Biomolecular Sciences &amp; Biotechnology

University of Milan, ITALY

Title: "***Mechanisms coordinating chromosome replication and transcription***"

Host: Marcus Smolka

<http://www.ifom-ieo-campus.it/research/foiani.php>**November 5, 2010****Adam Antebi**

Max Planck Institute for Biology of Ageing

Cologne, Germany

Title: "***Steroid control of longevity***"

Host: Sylvia Lee & Frank Schroeder  
<http://www.bcm.edu/mcb/?PMID=8411>

**October 29, 2010**

**Speaker- Stephen P. Bell**

Department of Biology  
 Massachusetts Institute of Technology

Title: ***"Triggering Eukaryotic DNA Replication: A Cascade of Kinases at the Origin"***

Host: Marcus Smolka  
<http://web.mit.edu/biology/www/facultyareas/facresearch/bell.html>

**October 22, 2010**

**David Levens**

Laboratory of Pathology  
 NIH- National Cancer Institute

Title: ***"c-myc: A prototype for the genome-wide regulation of gene expression by DNA structure & topology"***

Host: John Lis  
<http://home.ccr.cancer.gov/lop/Research/genreg/levens.asp>

**October 15, 2010**

**Robert N. Eisenman**

Fred Hutchinson Cancer Research Center  
 University of Washington-School Medicine

Title: ***"Cytoplasmic Functions of the Myc Transcription Factor"***

Host: Volker Vogt  
<http://myprofile.cos.com/reisenman>

**October 8, 2010**

**Min Han**

HHMI-Department of Molecular, Cell & Developmental Biology  
 University of Colorado at Boulder

Title: ***"It's time for lipid biology to take center stage: unexpected but critical roles of an obscure fatty acid during C. elegans development"***

Host: Kelly Liu  
<http://www.colorado.edu/MCDB/HanLab/>

**October 1, 2010**

**Mary Lou King**

Miller School of Medicine  
 University of Miami

Title: ***"To be or not to be: Repression in the Xenopus germline"***

Host: Maureen Hanson  
[http://chroma-web.med.miami.edu/cellbio/faculty/faculty\\_king.html](http://chroma-web.med.miami.edu/cellbio/faculty/faculty_king.html)

**September 24, 2010**

**George Cotsarelis- CANCELLED 9-24-10!**

Chance Laboratories-Dept. of Dermatology  
 University of Pennsylvania

Title: ***"Hair follicle stem cells and skin regeneration"***

Host: Tudorita (Doina) Tumber  
<http://www.uphs.upenn.edu/dermatol/faculty/cotsarelis.html>

**September 17, 2010**

**Mark Siegal**

Department of Biology  
 NY University- Center for Genomics & Systems Biology

Title: ***"Regulation of genital form & functions: toward a developmental understanding of rapidly evolving traits"***

Host: Mariana Wolfner

<http://biology.as.nyu.edu/object/MarkSiegal>

**September 10, 2010**

**John Moran**

Department of Human Genetics

University of Michigan Medical School

Title: ***"Studies of a Human Retrotransposon"***

Host: Clement Chow of Andrew Clark Lab

<http://www.hg.med.umich.edu/facultyprofile.php?id=21>

**September 3, 2010**

**Wojtek Pawlowski**

Dept. of Plant Breeding and Genetics

Cornell University

Title: ***"Genetic dissection of meiotic prophase in maize"***

Host: Paul Soloway

<http://pawlowski.cit.cornell.edu/>

**August 27, 2010**

**Haiyuan Yu**

Dept. of Biomedical Statistics & Computational Biology,

& Weill Institute for Cell & Molecular Biology

Cornell University

Title: ***"Understanding large-scale interactome networks"***

Host: Paul Soloway

<http://www.yulab.org/>

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