



Cornell University
Department of Molecular Biology and Genetics

2008-09 Archived Seminars

May 22, 2009

Siu "Sylvia" Lee

Department of Molecular Biology & Genetics

Cornell University

Title: "Elucidating the molecular determinants of stress responses and aging"

Host: Sylvia Lee

<http://www.people.cornell.edu/pages/ssl29/>

May 15, 2009

Yang Shi

Department of Pathology

Harvard Medical School

Harvard University

Title: "*Histone Demethylases: mechanism and link to mental retardation*"

Host: Sylvia Lee

<http://www.hms.harvard.edu/dms/bbs/>

May 8, 2009

Mike Levine

Department of Molecular & Cell Biology

University of California, Berkeley

Title: "Transcriptional precision in the early *Drosophila* embryo, and heart cell migration in the *Ciona* tadpole"

Host: Josh Waterfall

<http://mcb.berkeley.edu/faculty/GEN/levinem.html>

May 1, 2009

Raphael Kopan

Department of Developmental Biology

Washington University in St. Louis, School of Medicine

Title: "*Redundancy in Notch signaling: quality or quantity?*"

Host: Doina Tumber

<http://molecool.wustl.edu/Kopan.html>

April 24, 2009

Evan Eichler

Department of Genome Sciences

University of Washington

Title: "*Evolution and the Impact of Segmental Duplications*"

Host: Dan Barbash

<http://eichlerlab.gs.washington.edu/>

April 20, 2009 (Monday)

The Class of 1942 James B. Sumner Lecture

Sir Alan Fersht, F.R.S., F. Med.Sci

Herchel Smith Professor of Organic Chemistry, Cambridge, UK
Title: *"The Tumour Suppressor p53: from Structure to Drug Discovery"*
Call Auditorium, Kennedy Hall at 4:30 p.m.
Host: George Hess
<http://www.ch.cam.ac.uk/staff/arf.html>

April 21, 2009 (Tuesday)
Sir Alan Fersht, F.R.S., F. Med.Sci
Herchel Smith Professor of Organic Chemistry, Cambridge, UK
Title: *"Protein Folding Mechanisms"*
G-10 Biotech Building at 4:00 p.m.
Host: George Hess
<http://www.ch.cam.ac.uk/staff/arf.html>

April 17, 2009
Rueyling Lin
Department of Molecular Biology
UT Southwestern Medical Center at Dallas
Title: *"Transcriptional Repression in Germline Blastomeres"*
Host: Kelly Liu
<http://www8.utsouthwestern.edu/findfac/research/0,2357,31720,00.html>

April 10, 2009
Barbara Meyer
Department of Molecular & Cell Biology
University of California, Berkeley
Title: ***Chromosome counting, repression and segregation***
Host: Sarah Zanders
<http://mcb.berkeley.edu/faculty/GEN/meyerb.html>

April 3, 2009
Harmit Malik
Fred Hutchinson Cancer Research Center
Title: ***"Genetic conflict: the usual suspects and beyond"***
Host: Nick Brideau
<http://www.fhcrc.org/science/labs/malik/>

March 27, 2009
Jonathan Butcher
Assistant Professor- Biomedical Engineering
Cornell University
Title: *"Natural Engineering of the Heart: Developmental Paradigms that are Repeated in Postnatal Disease and Potential for Regenerative Medicine"*
Host: bt16@cornell.edu
<http://www.butcherlab.com>

March 20, 2009
Vivek Malhotra
Centre for Genomic Regulation
Barcelona Spain
Title: ***"Loading collagen VII into transport carriers: skin biogenesis and metastasis"***

Host: Scott Emr

<http://pasteur.crg.es/portal/page/portal/Internet>

March 13, 2009

Kaveh Ashrafi

UCSF Mission Bay Campus

Title: ***C. elegans fat and feeding regulatory circuits***

Host: Sylvia Lee

<http://ashrafilab.ucsf.edu/kashrafi.html>

February 27, 2009

Susan Taylor

Howard Hughes Medical Institute

University of California, San Diego

Title: ***PKA: Dynamic Scaffold for Catalysis and Docking***

Host: George Hess

<http://susantaylorlab.ucsd.edu>

February 25, 2009

Dr. David Gresham-MBG SEARCH CANDIDATE

Princeton University

Title: ***"Physiological and Adaptive Response of Genetic Networks"***

Host: Chip Aquadro & John Lis

February 23, 2009

Dr. Andrew Grimson-MBG SEARCH CANDIDATE

Whitehead Institute for Biomedical Research

Title: ***"Animal microRNAs: their ancient origin and contemporary targets"***

Host: Chip Aquadro & John Lis

February 18, 2009

Dr. Satoshi Namekawa-MBG SEARCH CANDIDATE

Massachusetts General Hospital

Title: ***"X-chromosome inactivation: from gamete to embryo"***

Host: Chip Aquadro & John Lis

February 13, 2009

Dr. Neal Silverman

Division of Infectious Disease, Department of Medicine

University of Massachusetts Medical School

Title: "Inside and Out: Pathogen Recognition and Signal Transduction in the Drosophila Immune Response".

Host: **Brian Lazzaro**

www.umassmed.edu/igp/faculty/silverman.cfm

February 6, 2009

Dr. Steve Henikoff

Howard Hughes Medical Institute & Basic Science Div

Title: ***"Histone variant dynamics and epigenetics"***

Host: John Schmenti

<http://blocks.fhcrc.org/~steveh/>

February 5, 2009

Dr. Ting Wang-MBG & BSCB Faculty candidate
University of California, Santa Cruz
Title: **"Mobile elements shape transcriptional regulatory networks"**
Seminar to be held in **226 Weill Hall at 10:00 a.m.**

January 30, 2009

Dr. Ted Weinert
Department of Molecular & Cellular Biology
University of Arizona
Title: *"Repeat Sequences, Dicentrics and Remarkably Cool (to us) Chromosome Instability in Yeast "*
Host: Bik Tye
<http://bmcb.biology.arizona.edu/weinert.html>

January 23, 2009

Dr. Michael Welte
Department of Biology
University of Rochester
Title: "As the fat flies: Dynamic lipid droplets in Drosophila"
Host: Bill Brown
<http://www.rochester.edu/college/bio/professors/welte.html>

December 12, 2008

Dr. Frank Stahl
University of Oregon
Title: "Crossover Interference: the Final Frontier"
Host: Eric Alani
Video Conference

December 5, 2008
Dr. Lorraine Symington
Department of Microbiology
Columbia University
Title: *"A two-step mechanism for DNA double-strand break processing"*
Host: Eric Alani
<http://www.columbia.edu/cu/biology/faculty-data/lorraine-symington/faculty.html>

November 21, 2008
Dr. Claire Walczak
Department of Medical Sciences
Indiana University
Title: *"Regulation of Microtubule Dynamics and Organization During Mitotic"*
Host: Zane Bergman
<http://medsci.indiana.edu/medsci/research/walczak/walczaklab.htm>

November 14, 2008
Dr. Rick Morimoto
Department of Biology
Northwestern University
Title: *"Stress of Misfolded Proteins in Aging and Neurodegenerative Disease"*
Host: John Lis/ Sylvia Lee

<http://www.biochem.northwestern.edu/ibis/faculty/morimoto.htm>

November 6, 2008

2008 Racker Lecture

Dr. H. Robert Horvitz-MIT

Nobel Prize in Physiology or Medicine 2002

8:00 P.M. Call Auditorium, Kennedy Hall

Title: ***"Cell Suicide: Programmed Cell Death in Development and Disease"***

Reception to follow

November 7, 2008

MBG Friday Seminar

Dr. H. Robert Horvitz-MIT-2008 Racker Lecturer

12:30 P.M. G-10 Biotech Building

Title: ***"Genetic Control of Programmed Cell Death In C. Elegans"***

Reception at 12:00 P.M. Atrium-outside of G-10

October 31, 2008

Dr. Dmitri Petrov

Department of Biology

Stanford University

Title: *"High Rate of Recent Transposable Element-Induced Adaptation in Drosophila melanogaster"*

Host: Chip Aquadro

<http://petrov.stanford.edu/>

October 24, 2008

Shu-Bing Qian

Nutritional Sciences

Cornell University

Title: *"Sensing Nutrients to Growth: the Role of Chaperone Network in mTOR Signaling"*

Host: Bik Tye

<http://qian.human.cornell.edu>

October 17, 2008

Dr. Sabeeha Merchant

Department of Chemistry and Biochemistry

University of California, Los Angeles

Title: *"Between a rock and a hard place: the cell biology of copper homeostasis"*

Host: Maureen Hanson

<http://www.chem.ucla.edu/dept/Faculty/merchant/>

October 10, 2008

Dr. Neil Hunter

Department of Molecular and Cellular Biology

University of California Davis

Title:

Host: Paula Cohen/ Eric Alani

<http://biosci2.ucdavis.edu/BioSci/FacultyAndResearch/DisplayFacultyProfile.cfm?ResearcherID=1771>



Ray Wu Memorial Symposium
October 3rd-4th at Cornell University

September 26, 2008

Dr. David Ron
 Skirball Institute
 NYU School of Medicine
 Title: "A physiological perspective on the unfolded protein response"
 Host: Linq Qi-Nutritional Sciences
<http://saturn.med.nyu.edu/research/mp/ronlab>

September 19, 2008

Dr. Eric Siggia
 Center for Studies in Physics and Biology
 The Rockefeller University
 Title:
 Host: Bik Tye
<http://uqbar.rockefeller.edu/siggia>

September 12, 2008

Dr. Su-Ju Lin
 Department of Microbiology
 University of California-Davis
 Title: "Understanding the mechanisms of calorie restriction and life span regulation in *Saccharomyces cerevisiae*"
 Host: Sylvia Lee
<http://biosci2.ucdavis.edu/BioSci/FacultyAndResearch/DisplayFacultyProfile.cfm?ResearcherID=1843>

September 5, 2008

Dr. Nate Sutter
Medical Genetics-College of Veterinary Medicine
Cornell University
 Title: "*Size in Dogs: Using Structured Populations to Map Complex Traits*"
 Host: **Bik Tye**
<http://www.vet.cornell.edu/faculty/sutter/research.htm>

August 29, 2008

Dr. Amar Klar
 Gene Regulation and Chromosome Biology laboratory
 National Cancer Institute at Frederick
 Title: "*Asymmetric cell division as a mechanism for human brain laterality, hand preference, psychoses diseases and for mouse visceral laterality development*"
 Host: Bik Tye
<http://ccr.cancer.gov/staff/staff.asp?profileid=5697>