



Cornell University Department of Molecular Biology and Genetics

2013 - 2014 Archived Seminars

May 23, 2014 (Friday)

Special Seminar

Speaker: Alan Boyle

Stanford University

Title: "Human non-coding regulatory regions and the consequence of variation"

Weill Hall- Room 226 at 9:00a.m.

Hosts: John Lis and Andy Clark

May 21, 2014 (Wednesday)

Special Seminar

Speaker: Hoojong Kwak

HHMI

University of Michigan

Title: "Genomic-scale Approaches to Transcriptional Elongation and the RNA Life Cycle"

Weill Hall- Room 226 at 9:00a.m.

Hosts: John Lis and Andy Clark

May 16, 2014

Speaker: Lenny Guarente

MIT-Glenn Laboratory for the Science of Aging

Department of Biology

Title: "Sirtuins NAD and Aging"

Host: Sylvia Lee & Sergiy Libert

<http://web.mit.edu/biology/guarente/>

May 9, 2014

Speaker: Lukas Scharer

University of Basel, Switzerland

Zoological Institute

Title: "Of fluorescent sperm in a transparent flatworm: using functional genomics to study sex in a simultaneous hermaphrodite"

Host: Mariana Wolfner

<http://evolution.unibas.ch/scharer/index.htm>

May 2, 2014

Speaker: Hugo Bellen

Baylor College of Medicine

Dept. of Molecular & Human Genetics & Dept. of Neuroscience

Title: "Mitochondria and neuronal maintenance"

Host: Dan Barbash

<http://flypush.imgen.bcm.tmc.edu/lab/index.html>

April 25, 2014

Speaker: Iain Cheeseman

MIT

Whitehead Institute for Biomedical Research

Title: "Generating a dynamic kinetochore-Microtubule Interface"

Host: Tim Huffaker

<http://jura.wi.mit.edu/cheeseman/>

April 18, 2014

Speaker: Michael Summers

University of Maryland Baltimore County

Department of Chemistry & Biochemistry

Title: "New insights into the structural basis for HIV-1 genome selection and packaging"

Host: Volker Vogt

<http://www.umbc.edu/chem/general/user/summers>

April 11, 2014**Speaker: Raffi Aroian**

UC San Diego
Division of Biological Sciences

Title: "Epigenetic and metabolic regulation of aging"

Host: Adrienne Roeder
<http://aroianlab.ucsd.edu/Home.html>

April 4, 2014**Speaker: Anne Brunet**

Stanford University
Department of Genetics

Title: "Epigenetic and metabolic regulation of aging"

Host: Sylvia Lee
<http://www.stanford.edu/group/brunet/>

March 28, 2014**Speaker: Barth Grant**

Rutgers University
Department of Molecular Biology & Biochemistry

Title: "Worming our way through the endosomal system: C. elegans as a model for membrane traffic"

Host: Kelly Liu
<http://www.barthgrant.com/>

March 21, 2014**Speaker: Richard Cardullo**

UC Riverside
Department of Biology

Title: "Building and kickstarting the male gamete: spermatogenesis and motility regulation in insect sperm"

Host: Mariana Wolfner
<http://biology.ucr.edu/people/faculty/Cardullo.html>

March 14, 2014**Speaker: Jeffrey L. Brodsky**

University of Pittsburgh
Department of Biological Sciences

Title: "Protein conformational diseases and ER associated degradation: Lessons from model organisms"

Host: Ling Qi
<http://www.biology.pitt.edu/person/jeffrey-brodsky>

March 7, 2014**Speaker: Sergiy Libert**

College of Veterinary Medicine
Department of Biomedical Sciences

Title: "The role of sirtuins in the biology of aging and diseases"

Host: Kelly Liu
http://www.vet.cornell.edu/biosci/faculty/Lin/Libert_Sergiy.htm

February 28, 2014**Speaker: Josh Chappie**

Cornell University
College of Veterinary Medicine
Department of Molecular Medicine

Title: "Self Stimulation in three dimensions: a voyeuristic view of dynamin assembly and activation"

Host: Sylvia Lee
<http://www.vet.cornell.edu/molecular/people/bios/joshchappie.cfm>

February 21, 2014**Special Event****MBG Graduate Field Recruitment Poster Session**

Biotech Building, room G10
Hosted by: Sylvia Lee, Kelly Liu, and Jerry Feigenson

February 14, 2014**Speaker: Vimal Selvaraj**

Cornell University

Laboratory of Intergrative Physiology

Title: "The Enigma Of Translocator Protein Function"

Host: Kelly Liu

<http://ansci.cornell.edu/faculty/selvaraj.html>

February 7, 2014

Special Event

MBG Graduate Field Recruitment Poster Session

Biotech Building, room G10

Hosted by: Sylvia Lee, Kelly Liu, and Jerry Feigenson

January 24, 2014

Special Seminar

Speaker: Polly Fordyce

University of California, San Francisco

Title: "High-throughput Mapping of Protein Binding Energy Landscapes Using Novel Microfluidic Tools"

Weill Hall-Room 226 at 9:00 a.m.

Hosts: John Lis and Andy Clark

January 22, 2014 (Wednesday)

Special Seminar

Speaker: Emily Hodges

Cold Spring Harbor Laboratory

Title: "DNA methylation, Non-Coding transcription, and a basis for Identifying Active Enhancers"

Weill Hall-Room 226 at 9:00 a.m.

Hosts: John Lis and Andy Clark

January 17, 2014

Special Seminar

Speaker: Cole Trapnell

Harvard University

Title: "Mapping regulatory networks with single-cell transcriptomics in cell differentiation and disease"

Weill Hall- Room 226 - 9:00 a.m.

Hosts: John Lis and Andy Clark

January 14, 2014 (TUESDAY)

Genomics of Gene Regulation Special Seminar

Speaker: Daniel McKay

Princeton University

Title: "Dynamic access to regulatory information in Drosophila development"

Weill Hall- Room 226 - 9:00 a.m.

Hosts: John Lis and Andy Clark

December 13, 2013

Speaker: Kathryn Wellen

University of Pennsylvania

Abramson Family Cancer Research Institute

Title: "Links between metabolism and epigenetics in cancer and diabetes"

Host: Jason Locasale

http://www.afcri.upenn.edu/ourfaculty/wellen_bio.html

December 6, 2013

Speaker: Sue Jinks-Robertson

Duke University

Department of Molecular Genetics and Microbiology

Title: "Proceed with caution: transcription-associated stress can be hazardous to DNA"

Host: Eric Alani

<http://jinks-robertsonlab.duhs.duke.edu/>

November 22, 2013

Speaker: Christine Mayr

Memorial Sloan-Kettering Cancer Center

Department of Cancer Biology & Genetics

Title: "The role of alternative polyadenylation in tissue-specific expression"

Host: Andrew Grimson

<http://www.mskcc.org/research/lab/christine-mayr>

November 14, 2013 (THURSDAY- 4PM)**Speaker: Marcus Smolka**

Department of Molecular Biology & Genetics

Title: "Uncovering the DNA Damage Signaling Network: from Proteomics to Mechanisms"

Host: Eric Alani

<http://mbg.cornell.edu/faculty-staff/faculty/smolka.cfm>**November 15, 2013- FRIDAY****2013 Racker Seminar****Speaker: Ada Yonath**

4:00 p.m., G-10 Biotech Building

Title: "What was first? The genetic code or its products"

Host: David Shalloway, Rick Cerione & Volker Vogt

November 14, 2013 (THURSDAY)**2013 Racker Lecture****Speaker: Ada Yonath**

Weizmann Institute of Science, Israel

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

Title: "Life: expectancy"

Host: David Shalloway, Rick Cerione & Volker Vogt

November 8, 2013**Speaker: Lee Niswander**

University of Colorado

School of Medicine

Title: "New viewpoints into early neural development and brain disorders"

Host: Maria Garcia & John Schimenti

<http://www.ucdenver.edu/academics/colleges/medicalschool/programs/Molbio/faculty/NiswanderL/Pages/NiswanderL.aspx>**November 1, 2013****Speaker: Chris Nicchita**

Duke University

Department of Cell Biology and Biochemistry

Title: "The mRNA/RNP Infrastructure of the Endoplasmic Reticulum: The Special Case of Organelle Resident Protein-Endoding mRNAs"

Host: Shu-Bing Qian

<http://www.cellbio.duke.edu/faculty/Nicchitta/LabSite/index.html>**October 21, 2013 (MONDAY- 4PM)****Speaker: Yuxin Mao**

Department of Molecular Biology & Genetics

Title: "Phosphoinositide in membrane trafficking and disease"

Host: Eric Alani

<http://mbg.cornell.edu/cals/mbg/faculty-staff/faculty/mao.cfm>**October 18, 2013****Speaker: Carla Koehler**

UCLA

Department of Chemistry & Biochemistry

Title: "A new pathway for RNA import into mitochondria"

Host: Maureen Hanson and Tom Fox

<http://koehler.chem.ucla.edu/profile.html>**October 11, 2013****Speaker: Daniel Lew, PhD**

Duke University

Dept. of Pharmacology & Cancer Biology

Title: "Cell Polarity: How cells define their front and back"

Host: Tony Bretscher

https://web.duke.edu/lewlabs/current_members.html#Daniel_Lew**October 3-4, 2013****Symposium on DNA Replication, Recombination, and Repair****Speakers: Alan D'Andrea, Anne Villeneuve and Graham Walker**

Hosted by: Departments of Biomedical Sciences, Microbiology, Molecular Biology & Genetics, and the Center for Vertebrate

Genomics
<http://r3symposium.cornell.edu/>

October 4, 2013 (MBG Friday Seminar)

Speaker: Anne Villeneuve

Stanford University

Department of Molecular, Cellular & Developmental Biology

Title: "Feedback, Self-organization and Quality Control during *C. elegans* Meiosis"

Host: Paula Cohen

<http://villeneuve.stanford.edu/index.html>

September 27, 2013

Speaker: Valerie Horsley

Yale University

Department of Molecular, Cellular & Developmental Biology

Title: "Think outside the skin: Stem cells and regeneration"

Host: Tudorita (Doina) Tumber

http://www.yale.edu/horsley/Contact_us!.html

(Monday), September 23, 2013 at 2:00 p.m. in G-10 Biotech

The Class of 1942 James B. Sumner Lecture

Speaker: Professor Roger D. Kornberg-Nobel Laureate in Chemistry, 2006

Stanford University Medical School

Title: "The molecular basis of eukaryotic transcription"

Host: George Hess

September 20, 2013

Speaker: Jan Lammerding

Weill Institute for Cell & Molecular Biology and

Department of Biomedical Engineering

Cornell University

Title: "Nuclear Lamins-their contribution to cellular mechanics and mechanotransduction in health and disease"

Host: Sylvia Lee

<http://www.icmb.cornell.edu/faculty-staff/lammerding/lammerding-lab/>

September 13, 2013

Speaker: Douglas Wallace

The Children Hospital of Philadelphia

Director, Center for Mitochondrial and Epigenomic Medicine

Title: "A Bioenergetic Theory of Evolution and Disease"

Host: Zhenglong Gu

<http://www.chop.edu/doctors/wallace-douglas-c.html?view=1>

September 6, 2013

Speaker: Hiroyuki Araki

National Institute of Genetics

Department of Microbial Genetics

Title: "Molecular mechanism of the initiation step of chromosomal DNA replication in budding yeast"

Host: Marcus Smolka

<http://www.nig.ac.jp/section/araki/araki-e.html>

August 30, 2013

Speaker: Yimon Aye

Department of Chemical and Chemical Biology

Cornell University

Title: "A Chemical Technology toward Target-Specific Redox Perturbation"

Host: Sylvia Lee

<http://chemistry.cornell.edu/faculty/detail.cfm?netid=ya222>