



Cornell University Department of Molecular Biology and Genetics

2006-07 Archived Seminars

May 18, 2007

Title: "Expression Variation and Regulatory Feedback"

Rachel Brem, University of California, Berkeley

Host: Clark

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

May 11, 2007

Title: "Regulation in Yeast-An Inconvenient Truth"

Gerald Fink, Whitehead Institute

Host: Tye

<http://www.wi.mit.edu/research/faculty/fink.html>

May 4, 2007

Title: "Cell-Cell Signaling Through Regulated Proteolysis"

David Rudner, Harvard Medical School

Host: Barbash

<http://rudnerlab.med.harvard.edu/>

April 27, 2007

Title: "MicroRNAs in Cancer and Aging"

Frank Slack, Yale University

Host: Lee

April 20, 2007

Title: "Novel Genomic Approaches Reveal a Nuclear Network Underlying Regulated Gene Expression in Mammalian Cells"

Xian-Dong Fu, University of California San Diego

Host: Lis

<http://cmm.ucsd.edu/fu/>

April 13, 2007

Title: "The Study of Transcriptional Regulatory Complexes by Quantitative Mass Spectrometry"

Jeff Ranish, NanoSystems Biology Cancer Center

Host: BMB Graduate Students

<http://www.caltechcancer.org/node/61>

April 6, 2007

Title: "Signaling Networks in Chemotaxis and Cytokinesis"

Peter Devreotes, John Hopkins University of Medicine

Host: Bretscher

<http://www.hopkinsmedicine.org/cellbio/profiles>

[/profdisplay.cfm?senduserID=7&](http://www.hopkinsmedicine.org/cellbio/profiles/profdisplay.cfm?senduserID=7&sendpage=directory)

[sendpage=directory](http://www.hopkinsmedicine.org/cellbio/profiles/profdisplay.cfm?senduserID=7&sendpage=directory)

March 30, 2007

Title: "A Comprehensive Approach to Muscle Growth"

Norbert Perrimon, Harvard Medical School

Host: Ram

<http://genetics.med.harvard.edu/~perrimon/>

Special Seminar

Monday, March 26, 2007

Title: "Ultraconserved Nonsense: For an Unusual Mode of Gene Regulation"

Maki Inada, University of California, Berkeley

Host: Aquadro

March 23, 2007

Title: "Sensing metabolic Signals with Nascent RNAs"

Tina Henkin, Ohio State

Host: Ke

<http://www.osumicrobiology.org/faculty/thenkin.htm>

March 16, 2007

Title: "Vesicle Transport and the Removal of Apoptotic Cells in C. Elegans"

Zheng Zhou, Baylor College of Medicine

Host: Liu

<http://www.bcm.edu/cmb/?pmid=2458>

March 9, 2007

Title: "Mesodermal cell fate specification and diversification in C. elegans".

Jun Kelly Liu, Cornell University

Host: Kempfues

<http://mbg.cornell.edu/cals/mbg/faculty-staff/faculty/liu.cfm>

March 2, 2007

Title: "One-Dimensional Diffusion: Visualizing Individual Proteins as They Move on DNA"

Eric Green, Columbia University

Host: Alani

<http://cumc.columbia.edu/dept/gsas/biochem/faculty/greene.html>

February 23, 2007

Title: "Mechanisms Regulating Lung Development and Repair"

Bridgid Hogan, Duke University Medical Center

Host: Tumber

February 19, 2007

Title: "Human Ribozymes"

Andrej Luptak, Massachusetts General Hospital

RNA Biology Candidate

Host: Barbash

February 15, 2007 AT 12:30 PM

(POSTPONED 2/14/07 DUE TO UNIVERSITY CLOSING)

Title: "Role of Arginine-Serine-Rich (RS) Domains in Pre-mRNA Splicing"

Haihong Shen, University of Massachusetts Medical School

RNA Biology Candidate

Host: Hanson

February 12, 2007

Title: "Regulation of Gene Expression by Pre-mRNA Splicing in Response to Environmental Stress"

Jeffrey Pleiss, University of California, San Francisco

RNA Biology Candidate

Host: Soloway

February 7, 2007

Title: "Dissecting Dicer: Mechanistic Insights into Gene Silencing by RNAi"

Ian MacRae, University of California, Berkeley

RNA Biology Candidate

Host: Ke

February 5, 2007

Title: "microRNAs in Cancer Biology:

Small RNAs with Big Impact"

Lin He, Cold Spring Harbor

RNA Biology Candidate

Host: Lis

February 2, 2007

Title: "A Mouse with a Dimple: Studying

Gastrulation through ENU Mutagenesis".

Maria Garcia-Garcia, Cornell University

Host: Vogt

<http://www.mbg.cornell.edu/cals/mbg/faculty-staff/faculty/garcia-garcia.cfm>

January 26, 2007

Title: "Getting Into Shape: the Role of Shroom Family Proteins in Cellular Architecture and Embryo Morphogenesis"

Jeffrey Hildebrand, University of Pittsburgh

Host: Garcia-Garcia

<http://www.pitt.edu/~biohome/Dept/Frame/Faculty/hildebrand.htm>

December 8, 2006

Title: "Genomic Analysis of Experimental Evolution in Yeast"

Maitreya Dunham, Princeton University

Host: Fox

<http://www.genomics.princeton.edu/dunham/>

December 1, 2006

Title: "Egg or Sperm-How's a Mouse to Decide?"

David Page, Whitehead Institute

Host: Flores

<http://www.wi.mit.edu/research/faculty/page.html>

November 17, 2006

Title: "The Use of a Single Molecule and Genetic Approaches to Study DNA Mismatch Repair and its Link to Hereditary Forms of Colorectal Cancer"

Eric Alani, Cornell University

<http://www.mbg.cornell.edu/cals/mbg/faculty-staff/faculty/alani.cfm>

November 16, 2006-Cancelled

Racker Lecture

Christiane Nusslein-Volhard

Director and Professor at Max-Planck-Institut in Germany

Host: David Shalloway & Rick Cerione

November 10, 2006

Title: "Lipid Droplet Associated Proteins and the Control of Triacylglycerol Metabolism"

Dawn Brasaemle, Rutgers The State University of New Jersey

Host: Brown

[http://nutrition.rutgers.edu/faculty/
brasaemle.html](http://nutrition.rutgers.edu/faculty/brasaemle.html)

November 3, 2006

Dr. Sarah Elgin

Washington University In St. Louis

Title: "Targeting Heterochromatin Formation and Gene Silencing in Drosophila Melanogaster"

Host: Daniel Barbash

October 27, 2006

Dr. James Goodrich

University of Colorado at Boulder

Title: "The Regulation of Mammalian mRNA Transcription by Noncoding RNA's"

Host: John Lis

October 20, 2006

Dr. Kenneth Mariani

Memorial Sloan-Kettering Cancer Center

Title: "Mechanisms of Replication Fork Reactivation"

Host: Jeffrey Roberts

October 13, 2006

Dr. Kevin Peterson

Biological Sciences

Dartmouth College

Title: "MicroRNAs and Metazoan Evolution"

Host: William Crepet

October 6, 2006

Dr. Richard Padgett

Department of Molecular Biology and Biochemistry

Rutgers University

Title: "Growth Control by TGF β and MicroRNA's"

Host: Kelly Liu

September 29, 2006

Dr. Andrew McCallion

McKusick-Nathans Institute for Genetic Medicine

Johns Hopkins University School of Medicine

Title: "Illuminating the Control of Critical Genes in Development and Disease: learning Lessons from RET and Others"

Host: John Schimenti

September 22, 2006

Adam Siepel

Department of Biological Statistics
and Computational Biology

Cornell University

Title: Searching for Novel Functional Elements in Mamalian Genomes by Comparative Genomics"

Host: Bik Tye

September 15, 2006

Dr. Holger Sondermann

College of Veterinary Medicine

Cornell University

Title: "Regulation of Cellular Signal Transduction: Son of Sevenless"

Host: Volker Vogt

September 8, 2006

Dr. Lewis Cantley

Department of Systems Biology

Harvard Medical School

Title: "Phosphoinositide 3 Kinase and Human Disease"

Host: Richard Cerione and the Provost Office

September 1, 2006

Jason Mezey

Department of Computation Biology

Cornell University

Title: Quantitative Genetics and Modeling of Wing Vein Position in Drosophila"

Host: Bik Tye

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