



Cornell University Department of Molecular Biology and Genetics

2007- 08 Archived Seminars

May 23, 2008

Title: "*Ligand Interactions and Domain Movements in a G Protein Coupled Receptor*"

Fred Naider, College of Staten Island

Host: Scheraga

http://www.csi.cuny.edu/faculty/NAIDER_FRED.html

May 16, 2008

Title: "*Cilia and Hedgehog Signaling*"

Kathryn Anderson, Sloan-Kettering Institute

Host: Garcia-Garcia

<http://www.mskcc.org/mskcc/html/10173.cfm>

May 9, 2008

Title: "*Regulation of Receptor Trafficking by Rab GTPases*"

Suzanne Pfeffer, Stanford

Host: Collins

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

May 2, 2008

Title: "*Runx1-CBF β Function in Hematopoiesis and Leukemia*"

Nancy Speck, Dartmouth

Host: Tumbar

<http://www.cancer.dartmouth.edu/members/Speck.shtml>

April 28, 2008 (Monday, 9:30am, G01 Racker Room)

Title: "*Control of Chromosome Morphogenesis by Ubiquitylation in Meiosis*"

Akira Sinohara, Osaka University

Hosts: Alani & Cornell Replication, Repair and Recombination Group

April 25, 2008

Title: "*Hijacking the Ribosome: Translational Control in Viruses and Cells*"

Jennifer Doudna, University of California

Host: Ke

<http://rna.berkeley.edu/>

April 18, 2008

Title: "*Genetic Control of Sex-Specific Development and Behavior in C. Elegans*"

Paul Sternberg, CALTECH

Host: Liu

<http://wormlab.caltech.edu/members/paul.html>

April 11, 2008

Title: "Pre-mRNA Splicing as a Control Point for Regulating Gene Expression"

Jeffrey Pleiss, Cornell University

Hosts: Tye & Vogt

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

April 8, 2008 (Tuesday)

Title: "*Resolving a Paradox: The Structural Basis of Protein Folding In Vitro and In Vivo*"

Christopher M. Dobson, University of Cambridge

G10 Biotechnology Building at 4:00

Contact: Hess

<http://www.ch.cam.ac.uk/staff/cmd.html>

April 7, 2008 (Monday)

The Class of 1942 James B. Sumner Lecture

Title: "*Life on the Edge: The Origins and Proliferation of Protein Misfolding Diseases*"

Christopher M. Dobson, University of Cambridge

Call Alumni Auditorium, Kennedy Hall at 4:30

Contact: Hess

<http://www.ch.cam.ac.uk/staff/cmd.html>

April 4, 2008

Title: "*Unfolding the Unfolded Protein Response in Obesity*"

Ling Qi, Cornell University

Host: Vogt

<http://www.human.cornell.edu/che/DNS/qilab/index.cfm>

March 28, 2008

Title: "*Epigenetic Regulation of Preimplantation Development and Breast Cancer*"

Scott Coonrod, Cornell

Host: Kraus

<http://bakerinstitute.vet.cornell.edu/faculty/view.php?id=958>

March 21, 2008

Title: "*Using Mouse Coat Color Mutants to Explore the Functions of Myosin V in Melanocytes and Neurons*"

John Hammer, NIH

Host: Bretscher

<http://dir.nhlbi.nih.gov/labs/lcb/mcb/>

March 14, 2008

Title: "*Chemical Tools for the Study of NAD-Metabolizing Enzymes*"

Hening Lin, Cornell University

Host: Vogt

<http://www.chem.cornell.edu/faculty/index.asp?fac=63>

March 7, 2008

Title: "*Transcriptional Control of Pancreatic Development*"

Raymond MacDonald, Southwestern Medical Center

Hosts: Lee and Long

<http://www.utsouthwestern.edu/findfac/research/0,2357,14520,00.html>

March 3, 2008 (Monday, Candidate Seminar)

Title: *"Host/pathogen Interactions in C. Elegans"*

Emily Troemel, Harvard University

Hosts: Emr, Bretscher

February 27, 2008 (Wednesday, Candidate Seminar)

Title: *"Insights from a Genetic Disease Affecting Vesicle Coat Protein Assembly"*

J. Christopher Fromme, University of California, Berkeley

Hosts: Emr, Bretscher

February 22, 2008

Title: *"Macromolecular Assemblies and Conformational Coupling in Bacterial Chemotaxis and Circadian Clock Light Sensing"*

Brian Crane, Cornell University

Host: Garcia-Garcia

<http://www.chem.cornell.edu/faculty/index.asp?fac=23>

February 18, 2008 (Monday, Candidate Seminar)

Title: *"A Fluorescence-Based Approach to Examining Mitochondrial Translocon Structure and Dynamics"*

Nathan Alder, Texas A & M

Hosts: Emr, Bretscher

February 15, 2008

Title: *"Molecular mechanisms of light signaling in Arabidopsis"*

Haiyang Wang, Cornell University

Host: Tye

<http://www.bti.cornell.edu/HaiyangWang.php>

February 1, 2008

Title: *"Sorting Out Membrane Traffic: Getting to Know ESCRTs and PIPs"*

Scott Emr, Cornell

Host: Tye

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

January 25, 2008

Title: *"Assembly and Release of Retrovirus Particles"*

Paul Bieniasz, AIDS Research Center

Host: Vogt

<http://www.adarc.org/research/bieniasz/index.htm>

January 18, 2008

Title: *"Cytosine Methylation and Epigenetic Variation"*

Eric Richards, Washington University, St. Louis

Host: Hanson

<http://www.biology.wustl.edu/faculty/FacultyPage.php?IDProf=29>

December 13, 2007 (Thursday)

Title: *"FRET Nanosensors for Metabolic Flux, Analysis in Bacteria, Fungi, Plants and Animals"*

Wolf Frommer

Host: Stern

http://med.stanford.edu/profiles/Wolf_Frommer/

December 7, 2007

Title: *"Cell-to-Cell Trafficking in Plants: Viruses Touch a Nerve"*

Sondra Lazarowitz, Cornell

Host: Hanson

http://www.plantpath.cornell.edu/Directory/Faculty_Info/Lazarowitz.html

November 16, 2007

Title: *"Ultrasensitivity, Bistability, and Oscillations in Mitotic Control"***James Ferrell, Stanford**

Host: Goldberg

http://med.stanford.edu/profiles/James_Ferrell/

November 9, 2007

Title: *"Protein Interactions in Biological Complexity and Disease"***Tony Pawson**

Host: Shalloway

<http://pawsonlab.mshri.on.ca/>

November 8, 2007

Ef Racker Lectures in Biology & MedicineTitle: *"Why Science Matters (or How to get a PhD in Two Weeks)"***Tony Pawson**

Host: Shalloway

<http://pawsonlab.mshri.on.ca/>

October 29, 2007 (Monday, Candidate Seminar)

Title: *"Mapping the DNA Damage Signaling Network with Quantitative Proteomics"***Marcus Smolka, Ludwig Institute**

Host: Emr, Bretscher

October 24, 2007 (Wednesday, Candidate Seminar)

Title: *"The Lowe Syndrome Protein OCRL in Early Steps of the Endocytic Pathway"***Yuxin Mao, Yale**

Host: Emr, Bretscher

October 22, 2007 (Monday, Candidate Seminar)

Title: *"Nucleating Branched Filaments: Structural, Biochemical and Computational Insights into Actin and Arp2/3 Complex"***Brad Nolen, Yale**

Host: Emr, Bretscher

October 18, 2007 (Thursday, Candidate Seminar)

Title: *"Redox Pathways for Cellular Disulfide Bond Formation: Mechanisms, Specificity and Regulation"***Carolyn Sevier, MIT**

Host: Emr, Bretscher

October 12, 2007

Title: *"Translational Control of Inflammatory Gene Expression"***Paul Fox, Lerner Research Institute**

Host: Stover

<http://www.lerner.ccf.org/cellbio/fox/>

October 5, 2007

Title: *"Microfluidics, Microtubules, and Cellular Pattern"*

Phong Tran, PENN Medicine

Host: Huffaker

<http://www.med.upenn.edu/cellbio/faculty/tran/>

September 28, 2007

Title: *"The Fidelity of Leading and Lagging Strand DNA Replication"*

Thomas Kunkel, NIEHS

Host: Alani

<http://dir.niehs.nih.gov/dirlmg/drf/home.htm>

September 21, 2007

Title: *"Genetic Surveys to Personal Genomes"*

Richard Gibbs, Baylor College of Medicine

Host: Bustamante

Siepel

<http://imgen.bcm.tmc.edu/molgen/facultyaz/gibbs.html>

September 14, 2007

Title: *"Fluorescence-Detected Protein Trafficking Into and Out of the ER"*

Arthur Johnson, Texas A & M

Host: Saksena

<http://medicine.tamhsc.edu/wwrl/AJ.html>

September 7, 2007

Title: *"Whole Genome Duplication and the Evolution of Fermentation in Yeast"*

Zenglong Gu, Cornell University

Host: Tye

<http://www.human.cornell.edu/che/bio.cfm?netid=zg27>

August 31, 2007

Title: *"Germ Cell Development and Regeneration in Planarians"*

Phil Newmark, University of Illinois at Urbana-Champaign

Host: Liu

<http://www.life.uiuc.edu/newmark/>

© Cornell University