



## Cornell University Department of Molecular Biology and Genetics

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### 2005-06 Archived Seminars

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May 12, 2006

Dr. Peter Maloney

Department of Physiology

Johns Hopkins University School of Medicine

Title: The biology and biophysics of OxIT, a virtual proton pump"

Host: Nadia Drake

May 5, 2006

Dr. Daniel Gottschling

Department of Genome Sciences

University of Washington

Title: "Nuclear incontinence: The effects of old age on the genome"

Host: Tim Huffaker,

April 28, 2006

Dr. Barbara Funnell

Department of Medical Genetics and Microbiology

University of Toronto

Title: "Plasmid and Chromosome Segregation in Bacteria: Architecture of P1 plasmid partition"

Host: Eric Alani

Jeff Roberts

Joe Peters

Seminar is co-sponsored by the Department of Microbiology

April 21, 2006

Dr. Elizabeth Craig

Department of Biochemistry

Washington University

Title: Hsp70 Molecular chaperones: Beyond protein folding"

Host: Heather Lumpio

April 14, 2006

Dr. David Zarkower

Department of Genetics, Cell Biology, and Development

University of Minnesota

Title: "Doublesex-related genes and the establishment of sexual Dimorphism"

Host: John Schimenti

April 7, 2006

Dr. Michael Krause

Laboratory of Molecular Biology

National Institutes of Health

Title: "Transcriptional Regulation of myogenesis: Lessons from the worm"

Host: Jun Liu

**SEMINAR CANCELLED**

March 31, 2006

Dr. Peter Devreotes

Cell Biology

Johns Hopkins University School of Medicine

Title: "Signaling networks in chemotaxis and cytokinesis"

Host: Tony Bretscher

March 29, 2006 (Wednesday)

Dr. Jianhua Fu

Molecular Biology & Genetics

Cornell University

Title: "Determining RNA polymerase II-capping enzyme complex structure using a novel approach for large complex crystallography"

**Seminar will be held at 3:00 PM in Biotech G10**

**March 24, 2006**

**Dr. Blaine Bartholomew**

**Biochemistry and Molecular Biology**

**Southern Illinois University**

**Title: "ATP-dependent remodeling of chromatin"**

**Host: Lee Kraus**

March 17, 2006

Dr. Michael L. Dustin

Department of Pathology

NYU Medical Center

Title: "Journey to the center of immunological synapse - cell biology of T activation"

Host: Tony Bretscher

March 10, 2006

Dr. Kathleen Gould

Department of Cell Biology

Vanderbilt Medical Center

Title: "Split decisions:regulating cytokinesis in fission yeast"

Host: Tim Huffaker

March 3, 2006

Dr. Shiv Grewal

Chromosome Biology Section

National Cancer Institute

Title: "RNAi-mediated epigenetic control of the genome"

Host: Lee Kraus

February 27, 2006 (Monday)

Dr. Terry Lechler

Rockefeller University

Title:"Layers of Complexity-Morphogenesis of the Skin"

Host:Bill Brown

February 22, 2006(Wednesday)

Dr. Matthew Gibson

Harvard Medical School

Title:"Epithelial Morphogenesis in Drosophila: Pattern, Proliferation and Pascal's Triangle"

Host:Ken Kemphues

February 15, 2006 (Wednesday)

Dr. Alison Frand

Harvard Medical School

Seminar Title: " Functional Genomics of *C. elegans* Molting"

Host: Sylvia Lee

February 13, 2006(Monday)

Dr. Stefan Westermann

University of California, Berkeley

Title:"Connecting chromosomes to microtubules: Formation of a dynamic Kinetochore Interface in Budding Yeast"

Host:Tim Huffaker

February 10, 2006

Dr. Richard W. Padgett

Molecular Biology & Biochemistry

Waksman Institute

Title: "Growth control by TGF $\beta$  and microRNAs"

Host: Jun Liu,

February 8, 2006 (Wednesday)

Dr. Melissa Rolls

University of Oregon

Title: "Investigating neuronal compartmentalization in invertebrate model organisms"

Host:Tony Bretscher

February 6, 2006(Monday)

Dr. Michael Rape

Harvard Medical School

Title:"At the core of the cell cycle: regulation of the anaphase-promoting complex in mitosis and G1"

Host: Mike Goldberg

February 3, 2006

Cancelled

January 27, 2006

Dr. Eddie Holmes

Department of Biology

Center for Infectious Disease Dynamics

Title: "The molecular evolution and phylodynamics of RNA viruses"

Host: Colin Parrish

January 20, 2006

Dr. Marta L. Wayne

Department of Zoology

University of Florida

Title: "Genetic architecture of gene expression in *Drosophila*"

Host: Mariana Wolfner

December 16, 2005

Dr. Arne Stenlund

Cancer Research

Cold Spring Harbor Laboratory

Title: How hexameric DNA helicases work - Insights from how a viral helicase is constructed"

Host: Bik Tye

December 9, 2005

Dr. Paula Cohen

Biomedical Sciences

Cornell University

Title: "Mismatch repair proteins in mammalian meiosis"

Host: Eric Alani

December 2, 2005

Dr. Steve Hahn

Basic Sciences

Fred Hutchinson Cancer Center

Title: "Structure of the RNA Polymerase II transcription preinitiation complex and identification of transcription activator targets withing the Pol II machinery"

Host: John Lis

November 18, 2005

Dr. Leroy Hood

President

Institute for Systems Biology

Title: "Systems Biology: Transforming Biology and Medicine

Host: Rick Cerione

November 11, 2005

Dr. Andrew Belmont

Department of Cell and Structural Biology

University of Illinois

Title: "Large-scale chromatin structure and dynamics"

Host: Tudorita Tumber

Racker Lecture

November 4, 2005

Dr. John Schimenti

Biomedical Sciences

Cornell University

Title: "Molecular genetic analysis of mutations perturbing genome stability and meiotic progression in mice"

Host: Tim Huffaker

October 28, 2005

Dr. David Drubin

Molecular and Cell Biology

University of California, Berkeley

Title: "Harnessing actin dynamics for endocytic trafficking events"

Host: Tim Huffaker

October 21, 2005

Dr. Gary Ward

Microbiology and Molecular Genetics

University of Vermont

Title: "New approaches to studying host cell invasion by the protozoan parasite, *Toxoplasma gondii*"

Host: Tony Brestcher

October 14, 2005

Dr. Bruce Levin

Department of Biology

Emory University

Title: "Non-inherited Resistance to Antibiotics and the Evolution of Ancestor Killing: a Double Feature"

Host: Todd Schlenke

October 7, 2005

Dr. David Russell

Microbiology and Immunology

Cornell University

Title: "Fatty Acids, phagosomes and tuberculosis"

Host: Tim Huffaker

September 30, 2005

Dr. Daniel Hartl

Department of Organismic and Evolutionary Biology

Harvard University

Title: "Selection without adaptation: Finicky proteins and compensatory mutations"

Host: Andy Clark

September 23, 2005

Dr. Sue Lovett

Life Sciences

Brandeis University

Title: "Bacterial G proteins, cell cycle and response to replication fork arrest"

Host: Eric Alani

September 16, 2005

Dr. Peter Walter

Department of Biochemistry and Biophysics

University of California, San Francisco

Title: "How the endoplasmic reticulum talks to the nucleus"

Host: Tony Brestcher

September 9, 2005

Dr. Charles Barlowe

Department of Chemistry

Dartmouth Medical School

Title: "Mechanisms of protein sorting in the early secretory pathway"

Host: Susan Henry

September 2, 2005

Dr. Daniel Barbash

Molecular Biology & Genetics

Cornell University

Title: "Do genes cause hybrid lethality?"

Host: Tim Huffaker

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