

The Wednesday Afternoon Lecture Series (WALS)

The 2008-2009 WALS season features another full schedule of lectures by some of the world's top researchers in the biomedical sciences, to help keep NIH intramural researchers abreast of cutting edge research. Lectures are in Masur Auditorium, Bldg. 10, from 3-4:00 p.m. Updated schedule at www1.od.nih.gov/wals/schedule.htm.



September 3, 2008

Alejandro Sánchez, HHMI Investigator, University of Utah School of Medicine
"Dying Young as Late as Possible: Planarians Regeneration and Stem Cells"



December 2, 2008

John Collier, Professor, Harvard Medical School
"Structure and Function of the Anthrax Toxin Pore"



September 10, 2008

Joseph Schlessinger, Professor and Chair of Pharmacology, Yale School of Medicine
"Cell Signaling By Receptor Tyrosine Kinases: From Basic Principles To Cancer Therapy"



December 3, 2008

Jon Beckwith, Professor, Harvard Medical School
"Evolution and Diversity of Pathways for Disulfide Bond Formation and Reduction"



September 24, 2008 (Dyer Lecture)

Nathan Wolfe, UCLA Professor of Epidemiology, NIH Pioneer Award Winner
"Viral Forecasting"



December 10, 2008

Tobias Meyer, Professor, Stanford University Medical School
lecture title TBA; expert on systems biology



October 1, 2008

Ana Maria Cuervo, Albert Einstein College of Medicine, Department of Developmental & Molecular Biology
"Chaperone-Mediated Autophagy: Tales from an Old 'Picky' Broom"



December 17, 2008 (Director's Lecture)

D. Holmes Morton, "country doctor," founder and director of the Clinic For Special Children, Penn.
"A Pediatrician's Perspective on the Human Genome Project and Genomic Pediatrics"



October 8, 2008

Warner Greene, Director and Senior Investigator, Gladstone Institute of Virology and Immunology, UCSF
"The APOBECs: A Biodefense Against 'Retro-threats' Foreign and Domestic"



January 7, 2009

Victor Ambros, Professor, University of Massachusetts Medical School
"MicroRNA Pathways in Animal Development"



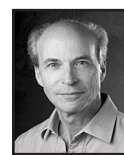
October 22, 2008 (Mider Lecture)

Elaine Ostrander, Chief of NHGRI's Cancer Genetics Branch
"Genetics and the Shapes of Dogs"



January 14, 2009 (Astute Clinician Lecture)

Harry Dietz, HHMI Investigator, Johns Hopkins University School of Medicine
"Marfan Syndrome and Related Disorders: From Molecules to Medicines"



October 29, 2008 (Stetten Lecture)

Roger Kornberg, Stanford University Medical School, 2006 Nobel Prize in Chemistry
"The Molecular Basis of Eukaryotic Transcription"



January 21, 2009

Martha Gray, Director, Harvard-MIT Division of Health Sciences and Technology
"Towards Imaging Biomarkers for Osteoarthritis: Surprises, Challenge, and Opportunities"



November 5, 2008

Virginia Lee, Director, Center for Neurodegenerative Disease Research, UPenn Medical School
"TDP-43: A New Class of Proteinopathies in Neurodegenerative Diseases"



January 28, 2009

Aravinda Chakravarti, Professor, JHU School of Medicine and School of Public Health
"Human Genome Analysis, Disease Pathophysiology and Genetic Medicine"



November 12, 2008

Judy Cameron, Professor, Oregon Regional Primate Research Center, Oregon Health & Science University
"Exercise is Good for the Brain as well as the Body: Effects on Gene Expression, Neural Functioning and Neuroprotection"



January 29, 2009

Thomas Südhof, HHMI Investigator, Director, Center for Basic Neuroscience at Southwestern Medical Center
"Molecular Physiology of Neurotransmitter Release"



November 19, 2008

Leonard Guarente, Novartis Professor of Biology, MIT
"Sirtuins, Aging and Disease"



February 4, 2009

James Ntambi, Professor, University of Wisconsin, Madison
"Role of Stearoyl-CoA Desaturase-1 in Metabolism: Implications in Human Diseases"



February 11, 2009 (Cultural Lecture)

Atul Gawande, New Yorker columnist and Associate Professor of Surgery at Harvard Medical School
"Ignorance vs. Ineptitude: Science and the Causes of Failure in Medicine"



February 18, 2009

Steve Kay, Dean of Biological Sciences, UCSD
lecture title TBA; expert on circadian clocks



February 25, 2009

David Relman, Professor, Stanford University Medical School, NIH Pioneer Award Winner
lecture title TBA; expert on host-pathogen interactions



March 4, 2009

Janet Rossant, Chief of Research at the Hospital for Sick Children, Toronto
lecture title TBA



March 11, 2009

Jeffrey Peters, Prof. of Env't Toxicology, Penn State Dept. of Veterinary and Biomedical Sciences
"Peroxisome Proliferator-Activated Receptors As Molecular Targets For The Treatment And Prevention Of Diseases"



March 18, 2009

Christine Jacobs-Wagner, Assoc. Prof. of Molecular, Cellular, and Developmental Biology, Yale
lecture title TBA; expert on cell differentiation



March 25, 2009

Alfred Wittinghofer, Professor of Biochemistry, Max Planck Institute of Molecular Physiology
lecture title TBA; structural biology expert



April 1, 2009

A. James Hudspeth, HHMI Investigator, Rockefeller University Laboratory of Sensory Neuroscience
"Making an Effort to Listen: Mechanical Amplification by Myosin Molecules and Ion Channels in Hair Cells of the Inner Ear"



April 8, 2009

S. Ananth Karumanchi, HHMI Investigator, Beth Israel Deaconess Medical Center
"Pathogenesis of Preeclampsia"



April 15, 2009

Lois Smith, Professor, Children's Hospital Boston
lecture title TBA; expert on retinopathy of prematurity



April 22, 2009

Ruslan Medzhitov, HHMI Investigator, Yale School of Medicine
"Innate Host Defense: Mechanisms and Pathways"



April 29, 2009

Erkki Ruoslahti, Burnham Institute for Medical Research (former President and CEO)
"Vascular Zip Codes in Targeted Delivery of Multifunctional Nanodevices"



May 6, 2009 (Director's Lecture)

Eric Nestler, University of Texas Southwestern Medical Center
"Transcriptional Mechanisms of Drug Addiction"



May 13, 2009

James Collins, HHMI Investigator, Boston University, NIH Pioneer Award Winner
lecture title TBA; expert on systems biology and reverse engineering



May 20, 2009

Tom Rapoport, HHMI Investigator, Harvard Medical School
"Mechanisms of Protein Translocation Across Membranes"



May 27, 2009

Hidde Ploegh, Professor of Biology, MIT Whitehead Institute
lecture title TBA; immunologist expert



June 3, 2009 (Gordin Lecture)

Leon Gordis, Johns Hopkins School of Public Health
lecture title TBA; expert on epidemiology of childhood and chronic diseases



June 10, 2009 (Pittman Lecture)

Susan Lindquist, Professor of Biology, MIT Whitehead Institute
lecture title TBA; expert on protein folding



June 17, 2009 (Director's Lecture)

Huda Zoghbi, HHMI Investigator, Baylor College of Medicine
lecture title TBA; expert on neurodegenerative and neurodevelopmental disorders



June 24, 2009

Karen Hsiao Ashe, Professor of Neurology and Neuroscience, University of Minnesota
"Molecular Mechanisms of Memory Loss in Alzheimer's Disease"



spring 2009

Stefan Hell, Director, Department of NanoBiophotonics, Max Planck Institute for Biophysical Chemistry
lecture title TBA; expert on sub-diffraction-resolution microscopy



spring 2009

John Rich, Professor, Drexel University, MacArthur Fellow
lecture title TBA; expert on public health management; men's health; violence; urban health issues