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 2008
- **September 3, 2008**
  - Alejandro Sánchez, HHMI Investigator, University of Utah School of Medicine
  - "Dying Young as Late as Possible: Planarians eternally 'Immortal'"

- **September 10, 2008**
  - Joseph Schlesinger, Professor and Chair of Pharmacology, Yale School of Medicine
  - "Cell Signaling By Receptor Tyrosine Kinases: From Basic Principles To Cancer Therapy"

- **September 24, 2008** (Dyer Lecture)
  - Nathan Wolfe, UCLA Professor of Epidemiology, NIH Pioneer Award Winner
  - "Viral Forecasting"

- **October 1, 2008**
  - Ana Maria Caiero, Albert Einstein College of Medicine, Department of Developmental & Molecular Biology
  - "Chapter- Mediated Autophagy: Tales from an Old ‘Picky’ Brother"

- **October 8, 2008**
  - Warren Greene, Director and Senior Investigator, Gladstone Institute of Virology and Immunology, UCSF
  - "The APOBECs: A Biodefense Against ‘Retro-threats’"

- **October 22, 2008** (Mider Lecture)
  - Elaine Ostrander, Chief of NCI’s Cancer Genetics Branch
  - "Genetics and the Shapeshifts of Dogs"

- **October 29, 2008** (Stetten Lecture)
  - Roger Kornberg, Stanford University Medical School, 2006 Nobel Prize in Chemistry
  - "The Molecular Basis of Eukaryotic Transcription"

- **November 5, 2008**
  - Virginia Lee, Director, Center for Neurodegenerative Disease Research, U/Penn Medical School
  - "TDP-43: A New Class of Proteinopathies in Neurogenetic Diseases"

- **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"

- **November 19, 2008**
  - Leonard Guarente, Novartis Professor of Biology, MIT
  - "Sirtuins, Aging and Disease"

- **December 2, 2008**
  - John Collier, Professor, Harvard Medical School
  - "Structure and Function of the Antivirus ‘Twist Pore’"

- **December 3, 2008**
  - Jon Beckwith, Professor, Harvard Medical School
  - "Evolution and Diversity of Pathways for Viral DNA Bond Formation and Reduction"

- **December 10, 2008**
  - Tobias Meyer, Professor, Stanford University Medical School
  - "Sirtuins, Aging and Disease"

- **December 17, 2008** (Director’s Lecture)
  - D. Holmes Morton, "country doctor," founder and director of the Clinic For Special Children, Pennsylvania
  - "A Pediatrician’s Perspective on the Human Genome Project and Genomic Pathways"

- **January 7, 2009**
  - Victor Ambros, Professor, University of Massachusetts Medical School
  - "MicroRNA-1: Pathways in Animal Development"

- **January 14, 2009** (Asturian Clinical Lecture)
  - Harry Dietz, HHMI Investigator, Johns Hopkins University School of Medicine
  - "Marfan Syndrome and Related Disorders: From Molecules to Medicine"

- **January 21, 2009**
  - Martha Gray, Director, Harvard-MIT Division of Health Sciences and Technology
  - "Toward Imaging Biomarkers for Osteoarthritis: Surprises, Challenges, and Opportunities"

- **January 28, 2009**
  - Aravinda Chakravarti, Professor, JHU School of Medicine and School of Public Health
  - "Human Genome Analysis, Disease Pathophysiology and Genetic Medicine"

- **January 29, 2009**
  - Thomas Stach, HHMI Investigator, Director, Center for Basic Neuroscience at Southwestern Medical Center
  - "Molecular Physiology of Nervous System Failure"

- **February 4, 2009**
  - James Ntambi, Professor, University of Wisconsin, Madison School of Medicine
  - "Role of Sirtuins in the ‘Dietary Senescent-1’ in Metabolic Implications in Human Diseases"

- **February 11, 2009** (Cultural Lecture)
  - Anu Gawande, New Yorker columnist and Associate Professor of Surgery at Harvard Medical School
  - "Epidemiology, Inequity and the Cause of Failure in Medicine"

- **February 18, 2009**
  - Steve Kay, Dean of Biological Sciences, UCSD
  - "Sirtuins, Aging and Disease"

- **February 25, 2009**
  - David Reiman, Professor, Stanford University Medical School
  - "Evolution and Diversity of Pathways for Viral DNA Bond Formation and Reduction"

- **March 4, 2009**
  - James Rossant, Chief of Research at the Hospital for Sick Children, Toronto
  - "Sirtuins, Aging and Disease"

- **March 11, 2009**
  - Jeffrey Peters, Prof. of Env’r Toxicology, Penn State Dept. of Veterinary and Biomedical Sciences
  - "Implications of Proinflammatory Receptors for Molecular Targets For The Treatment And Prevention Of Disease"

- **March 18, 2009**
  - Christine Jacobs-Wagner, Assoc. Prof. of Molecular, Cellular, and Developmental Biology, Yale
  - "Sirtuins, Aging and Disease"

- **March 25, 2009**
  - Alfred Wittinghofer, Professor of Biochemistry, Max Planck Institute of Molecular Physiology
  - "Sirtuins, Aging and Disease"

- **April 1, 2009**
  - A. James Hudspeth, HHMI Investigator, Rockefeller University Laboratory of Sensory Neuroscience
  - "Making an Effort to Listen: Mechanical Amplification by Mysmic 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
  - "Sirtuins, Aging and Disease"

- **April 22, 2009**
  - Rusan Medzhitov, HHMI Investigator, Yale School of Medicine
  - "Sirtuins, Aging and Disease"

- **May 21, 2009**
  - Susan Lindquist, Professor of Biology, MIT
  - "Antioxidants and Membrane Proteins"

- **May 6, 2009** (Director’s Lecture)
  - Eric Nusier, University of Texas Southwestern Medical Center
  - "Transcriptional Mechanisms of Drug Addiction"

- **May 13, 2009**
  - James Collins, HHMI Investigator, Boston University
  - "Sirtuins, Aging and Disease"

- **May 20, 2009**
  - Tom Rapoport, HHMI Investigator, Harvard Medical School
  - "Mechanisms of Protein Translocation Across Membranes"

- **May 27, 2009**
  - Heike Ploegh, Professor of Biology, MIT
  - "Antioxidants and Membrane Proteins"

- **June 3, 2009** (Gordin Lecture)
  - Leon Greco, Johns Hopkins School of Public Health
  - "Sirtuins, Aging and Disease"

- **June 10, 2009** (Pittman Lecture)
  - Susan Lindquist, Professor of Biology, MIT
  - "Antioxidants and Membrane Proteins"

- **June 17, 2009** (Director’s Lecture)
  - Huda Zoghbi, HHMI Investigator, Baylor College of Medicine
  - "Antioxidants and Membrane Proteins"

- **June 24, 2009**
  - Karen Hsiao Ashe, Professor of Neurology and Neurosurgery, University of Minnesota
  - "Antioxidants and Membrane Proteins"

- **Spring 2009**
  - Stefan Hell, Director, Department of NanoBiophotonics, Max Planck Institute for Biophysical Chemistry
  - "Antioxidants and Membrane Proteins"

- **Spring 2009**
  - John Rich, Professor, Drexel University
  - "Antioxidants and Membrane Proteins"