2006 Zenith Award Recipients

Nelson Arispe, Ph.D.
The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
Bethesda, Maryland
“Blocking the Abeta Ion Channels Protect the Cell”

Craig S. Atwood, Ph.D.
University of Wisconsin, Madison
Madison, Wisconsin
“Leuprolide Acetate in the Treatment of Alzheimer's Disease”

Paul H. Axelsen, M.D.
University of Pennsylvania
Philadelphia, Pennsylvania
“The Structure of Neurotoxic Intermediate Forms of Beta-Amyloid Proteins”

Ramon Diaz-Arrastia, Ph.D.
University of Texas Southwestern Medical Center at Dallas
Dallas, Texas
“Elevated Homocysteine as a Risk Factor for Progression from MCI to Alzheimer’s Disease”

Karen E. K. Duff, Ph.D.
The Nathan S. Kline Institute for Psychiatric Research
Orangeburg, New York
“p25/CDK5 in Alzheimer’s Disease Pathogenesis”

Karl Herrup, Ph.D.
Case Western Reserve University
Cleveland, Ohio
“Alzheimer's Neuropathology Seen Through the Lens of Cell Cycle Processes”

Mathias Jucker, Ph.D.
Hertie-Institute for Clinical Brain Research
Tuebingen, Germany
“Exogenous Induction of Cerebral Amyloidogenesis”

2005 Zenith Award Recipients

Hans Basun, M.D., Ph.D.
Uppsala University
Uppsala, Sweden
“Amyloid in Brain, CSF and Plasma in Alzheimer Patients: One-Year Follow-Up”

Todd Eliot Golde, M.D., Ph.D.
Mayo Clinic
Jacksonville, Florida
“Novel Animal Models of Amyloid Deposition”
David M. Holtzman, M.D.
Washington University
St. Louis, Missouri
“Effects of Neurotransmitters and Synaptic Activity on Brain ISF Beta-Amyloid”

Frank M. LaFerla, Ph.D.
University of California
Irvine, California
“Learning and Memory Deficits in a Mouse Model With Plaques and Tangles”

Debomoy K. Lahiri, Ph.D.
Indiana University School of Medicine
Indianapolis, Indiana
“Functional Domains of the BACE Promoter: Implication in Alzheimer’s Disease”

Bruce Lamb, Ph.D.
Case Western Reserve University
Cleveland, Ohio
“Gene-Environment Interactions in Alzheimer’s Disease Mouse Models”

H. Eugene Stanley, Ph.D.
Boston University
Boston, Massachusetts
“Understanding Formation of Neurotoxic Oligomers in Alzheimer’s Disease”

Christine van Broeckhoven, Ph.D., D.Sc.
Flanders Interuniversity Institute for Biotechnology, University of Antwerp
Antwerp, Belgium
“Frontotemporal Dementia With Ubiquitin-Positive Neuronal Inclusions”

Tony Wyss-Coray, Ph.D.
Stanford University
Stanford, California
“Role of Systemic Neurotrophin Deficiency in Alzheimer Pathogenesis”

Shi Du Yan, M.D.
College of Physicians and Surgeons, Columbia University
New York, New York
“Role of Mitochondria Beta-Amyloid in Alzheimer’s Disease”

2004 Award Recipients:

Randy D. Blakely, Ph.D.
Vanderbilt University Medical Center
Nashville, Tennessee
“A Chemical Genetic Screen for Modifiers of Presynaptic Choline Transport”

Ashley I. Bush, M.D., Ph.D.
Massachusetts General Hospital
Boston, Massachusetts
“Novel Imaging Agents for Alzheimer’s Disease”
Yueming Li, Ph.D.
Sloan-Kettering Institute for Cancer Research
New York, New York
“Defining the Catalytic Machinery of Secretasome for Alzheimer’s Disease Therapy”

Mary S. Mittleman, Dr. P.H.
New York University School of Medicine
New York, New York
“Couples Counseling for People with Alzheimer’s Disease and Their Spouses: A Randomized Trial”

Philip Wong, Ph.D.
Johns Hopkins University School of Medicine
Baltimore, Maryland
“Reduction of Gamma-Secretase Activity by RNAi in Brains of Mutant APP/PS1 Mice”

2003 Zenith Award Recipients:

Jiska Cohen-Mansfield, Ph.D.
Research Institute on Aging of the Hebrew Home of Greater Washington
Rockville, Maryland
“The Utility of Pain Assessment for Analgesic Use in Persons with Dementia”

Ken-ichiro Fukuchi, M.D., Ph.D.
University of Illinois College of Medicine
Peoria, Illinois
“Muscle-Directed Immune Gene Therapy for Alzheimer’s Disease”

Ralph A. Nixon, M.D., Ph.D.
Nathan S. Kline Institute for Mental Hygiene
Orangeburg, New York
“Amyloidogenic Mechanisms in Sporadic Alzheimer’s Disease”

David Westaway, Ph.D.
University of Toronto
Toronto, Ontario
“Interactions of Tau and Amyloid Pathologies in the Central Nervous Systems of Transgenic Mice”

Hui Zheng, Ph.D.
Baylor College of Medicine
Houston, Texas
“Delineating APP Functional Domains and Identifying APP Downstream Targets”

2002 Zenith Award Recipients:

David R. Borchelt, Ph.D.
Johns Hopkins Medical Institute
Baltimore, Maryland
“Modulation of Amyloid Deposition by LRP”
Rachelle S. Doody, M.D., Ph.D.  
Baylor College of Medicine  
Houston, Texas  
“Understanding Progression of AD: Predicting Disease Course for Families and Designing Clinical Trials to Demonstrate Delayed Progression of Disease”

Margaret Gatz, Ph.D.  
University of Southern California  
Los Angeles, California  
“Risk and Protective Factors for Alzheimer’s Disease”

Beka Solomon, Ph.D.  
Tel-Aviv University  
Tel Aviv, Israel  
“In Vivo Targeting of Beta-amyloid Plaques Towards Diagnosis of Alzheimer’s Disease”

Gopal Thinakaran, Ph.D.  
University of Chicago  
Chicago, Illinois  
“The Role of Presenilins in Membrane Protein Biogenesis, Assembly and Trafficking”

2001 Zenith Award Recipients:

Gregory M. Cole, Ph.D.  
University of California  
North Hills, California  
“Antioxidant/Anti-inflammatory Treatment in an Alzheimer’s Model”

Raphael Kopan, Ph.D.  
Washington University  
St. Louis, Missouri  
“Biochemical Analysis of the Secretasome and its Substrates”

Margaret A. Pericak-Vance, Ph.D.  
Duke University  
Durham, North Carolina  
“An Integrated Approach to Alzheimer’s Disease”

W. Rodman Shankle, MS, M.D.  
University of California  
Irvine, California  
“Preclinical Detection & Disease Measurement of Alzheimer’s Disease & Related Disorders Using EEG, Psychophysical & Data Mining Methods”

Ingmar Skoog, M.D., Ph.D.  
University of Goteborg  
Goteborg, Sweden  
“The Interaction Between Genetic and Vascular Factors in the Etiology of Late-onset Dementia”
2000 Zenith Award Recipients:

Jorge A. Ghiso, Ph.D.
New York University
New York, New York
“Familial British Dementia: An Alternative Model of Neurodegeneration”

Hanna Ksiezak-Reding, Ph.D.
Albert Einstein College of Medicine
Bronx, New York
“Cellular Models of Tau Aggregation”

Miguel A. Papolla, M.D.
University of South Alabama
Mobile, Alabama
“A Pilot Trial of Long-term Melatonin in Alzheimer’s Disease”

Giulio Maria Pasinetti, M.D., Ph.D.
Mount Sinai Medical Center
New York, New York
“Cyclooxygenase 2 Responsive Cell Cycle Activities as Potential Targets of Non Steroidal Anti-inflammatory Drugs in the Prevention of Alzheimer’s Disease”

William E. Van Nostrand, Ph.D.
State University of New York
Stony Brook, New York
“Pathologic Interactions Between Cerebrovascular Aβ and Its Precursor AβPP”

1999 Zenith Award Recipients:

Keith B.J. Franklin, Ph.D.
McGill University
Montreal, Quebec
“Effect of Estrogen on the Cholinergic System”

Gregg G. Gunderson, Ph.D.
Columbia University
New York, New York
“Novel Microtubule Targeting Function of Tau Protein”

John Hardy, Ph.D.
Mayo Clinic
Jacksonville, Florida
“Genetic Resolution of Presenilin as a Therapeutic Target”

Peter T. Lansbury, Jr., Ph.D.
Brigham and Women’s Hospital
Boston, Massachusetts
“Role of Alpha-synuclein and Lewy Bodies in Alzheimer’s Disease and Related Dementias”
John E. Maggio, Ph.D.
University of Cincinnati
Cincinnati, Ohio
“In Vivo Measurement of A-Beta Amyloid Deposition”

Marilyn Miller, Ph.D.
McGill University
Montreal, Quebec
“Effect of Estrogen on the Cholinergic System”

Lennart Mucke, M.D.
University of California
San Francisco, California
“Regulated Transgenic Models to Test Novel Treatment Strategies for Alzheimer’s Disease”

Gary W. Small, Ph.D.
University of California
Los Angeles, California
“FDDNP-PET Imaging for Early Detection of Alzheimer’s Disease”

Mark A. Smith, Ph.D.
Case Western Reserve University
Cleveland, Ohio
“Cell Cycle Dysfunction in Alzheimer’s Disease”

Keith R. Thulborn, M.D., Ph.D.
University of Pittsburgh
Pittsburgh, Pennsylvania
“Functional Magnetic Resonance Imaging (fMRI) of Cognitive Changes in Normal Elderly Subjects and Patients with Probable Alzheimer’s Disease (pAD)”

Thomas M. Wisniewski, M.D.
New York University
New York, New York
“Amyloid Beta and Apolipoprotein E Interactions in Vitro and in Vivo”

Bruce Yankner, M.D., Ph.D.
Harvard Medical School
Boston, Massachusetts
“Regulation of Amyloid Beta Protein Metabolism and Toxicity by Apolipoproteins and Dietary Cholesterol”

1998 Zenith Award Recipients:

Paula Grammas, Ph.D.
University of Oklahoma
Oklahoma City, Oklahoma
“Vascular-mediated Neuronal Death in Alzheimer’s Disease”
William Mobley, M.D., Ph.D.
Stanford University School of Medicine
Stanford, California
“Apolipoprotein E Regulates Trafficking of Neurotrophic Factor Receptors”

Michael Sporn, M.D.
Dartmouth Medical School
Hanover, New Hampshire
“New Triterpenoids as Agents for Prevention and Treatment of Alzheimer’s Disease”

Michael Vitek, Ph.D.
Duke University Medical Center
Durham, North Carolina
“Transgenic Model of Neurofibrillary Tangle Pathology”

Ronald Wetzel, Ph.D.
University of Tennessee
Knoxville, Tennessee
“Polypeptide Inhibitors of Aβ Amyloid Fibril Formation”

1997 Zenith Award Recipients:

Dana Giulian, M.D., Ph.D.
Baylor College of Medicine
Houston, Texas
“Development of Treatments to Control the Immunopathology of Alzheimer’s Disease”

Rajesh N. Kalaria, Ph.D., M.R.C.Path.
Case Western University
Cleveland, Ohio
“Vascular Factors in Alzheimer’s Disease”

Neil W. Kowall, M.D.
Bedford VAMC
Bedford, Massachusetts
“Non-invasive Diagnosis of Alzheimer’s Disease Using Optical Spectroscopy”

Richard P. Kraig, Ph.D.
The University of Chicago
Chicago, Illinois
“Microglial Reaction of Beta Amyloid Inducted Injury in Hippocampal Cultures”

Michael Mullan, M.D., Ph.D.
University of South Florida
Tampa, Florida
“Mechanism and Significance of B-amyloid Vasoactivity”
Joseph Rogers, Ph.D.
Sun Health Research Institute
Sun City, Arizona
“Specific Mechanisms of Inflammatory Interactions in Alzheimer’s Disease”

1996-1995 Zenith Award Recipients:

No grants funded

1994 Zenith Award Recipients:

Eugene M. Johnson Jr., Ph.D.
Washington University
St. Louis, Missouri
“Potential Role of Reactive Oxygen Species in Nerve Cell Apoptosis”

D.A. Kirschner, Ph.D.
The Children’s Hospital
Boston, Massachusetts
“Assembly Structure and Stability of Beta Amyloid of Alzheimer’s Disease”

Edward H. Koo, M.D.
Brigham and Women’s Hospital
Boston, Massachusetts
“Studies on the Mechanism of Amyloid Beta-protein Production in Cultured Cells”

Mark P. Mattson, Ph.D.
University of Kentucky
Lexington, Kentucky
“Amyloid Beta, Free Radicals, Ion-motive ATPases and Nerve Cell Death”

Nikolas K. Robakis, Ph.D.
Mount Sinai School of Medicine
New York, New York
“Soluable Amyloid Precursor Protein: Membrane Topology and Production of Amyloid Peptide”

Sangram S. Sisodia, Ph.D.
Johns Hopkins University, School of Medicine
Baltimore, Maryland
“Mechanism of Amyloid Beta Production”

Warren J. Strittmatter, M.D.
Duke University Medical Center
Durham, North Carolina
“Apolipoprotein-E Isoforms: Effects on PC12 Cell Neurites and Tau Metabolism”

Shu-Hui Yen, Ph.D.
Albert Einstein College of Medicine
Bronx, New York
“Characterization of a Novel Kinase Associated with Alzheimer Paired Helical Filaments”
1993 Zenith Award Recipients:

Carmela R. Abraham, Ph.D.
Boston University
Boston, Massachusetts
“APP-degrading Proteases: Providing Their Relevance Using Antisense Technology”

Alison Goate, Ph.D.
Washington University
St. Louis, Missouri
“Physical Mapping and New Methods of Gene Isolation Around the ch14 FAD Locus”

Jonathan L. Haines, Ph.D.
Massachusetts General Hospital
Charlestown, Massachusetts
“Studies of APOE in Alzheimer’s Disease”

Tsunao Saitoh, Ph.D. (deceased)
University of California
La Jolla, California
“The Biological Function of Amyloid Beta/A4 Protein Precursor”

1992 Zenith Award Recipient:

Khalid Iqbal, Ph.D.
New York State Institute for Basic Research
Staten Island, New York
“Alzheimer Neurofibrillary Degeneration Cellular Models”

1991 Zenith Award Recipients:

Moses V. Chao, Ph.D.
Cornell University Medical Center
New York, New York
“Regulation of Neuronal Specific Tyrosine Phosphorylation”

Dmitry Y. Goldgaber, Ph.D.
State University of New York
Stony Brook, New York
“Proteolytic Processing of the Human Amyloid Beta Protein Precursor”

Kenneth Kosik, M.D.
Brigham and Women’s Hospital
Boston, Massachusetts
“Alzheimer’s Disease and the Neuronal Cytoskeleton: A Link to Amyloid Precursor Protein”

Virginia M.Y. Lee, Ph.D.
University of Pennsylvania, School of Medicine
Philadelphia, Pennsylvania
“A Human Neuronal Cell Line for Gene Therapy in Neurodegenerative Disease”
David R. Shubert, Ph.D.
The Salk Institute for Biological Studies
San Diego, California
“Role of Extracellular Beta Amyloid Protein Precursor”

Steven G. Younkin, M.D., Ph.D.
Case Western Reserve University
Cleveland, Ohio
“Amyloid Protein Precursor Processing in Alzheimer’s Disease”