

Zenith Awards 1991-2008

2008 Award Recipients

Guojun Bu, Ph.D.

Washington University in St. Louis
St. Louis, Missouri

“LRP1 and ApoE Isoforms in Brain Lipid Metabolism and Synaptic Functions”

Mary Jo LaDu, Ph.D.

University of Illinois, Chicago
Chicago, Illinois

“The Effect of ApoE Isoform on Intraneuronal ApoE/Abeta42 Interactions

William Jagust, M.D.

University of California, Berkeley
Berkeley, California

“The Detection of Alzheimer's Disease in Normal Older People”

Einar M. Sigurdsson, Ph.D.

New York University School of Medicine
New York, New York

“Pathology: Therapy and In Vivo Imaging”

Michael S. Wolfe, Ph.D.

Brigham and Women's Hospital, Inc.
Boston, Massachusetts

“Regulation of RNA Splicing in Alzheimer's and Related Dementias”

2007 Award Recipients

Ottavia Arancio, M.D.

Columbia University
New York, New York

“CBP Involvement in Alzheimer’s Disease and Its Potential Therapeutic Value”

Changiz Geula, Ph.D.

Northwestern University Feinberg School of Medicine
Chicago, Illinois

“Calbindin, Aging and Vulnerability of Cholinergic Neurons to Degeneration”

Gunnar K. Gouras, M.D.

Weill Medical College of Cornell University
New York, New York

“Mechanism of Beta-Amyloid–Induced Synaptic Dysfunction”

Christopher D. Link, Ph.D.

University of Colorado
Boulder, Colorado

“Structure/Function Analysis of in Vivo Beta-Amyloid Peptide Toxicity”

George Perry, Ph.D.

Case Western Reserve University
Cleveland, Ohio

A Judy Fund

sponsored Zenith grant

“Mitochondrial Abnormalities in Alzheimer’s Disease”

Domenico Pratico, M.D.

University of Pennsylvania
Philadelphia, Pennsylvania

“The Functional Role of Lipooxygenase in Normal Aging and Alzheimer’s Disease”

Yong Shen, M.D., Ph.D.

Sun Health Research Institute
Sun City, Arizona

“Elevated BACE1 as a Risk Factor for Progression From Mild Cognitive Impairment to Alzheimer’s Disease”

Karl H. Weisgraber, Ph.D.

The J. David Gladstone Institutes
San Francisco, California

“Association of ApoE4 With Alzheimer’s Disease: A New Paradigm”

Huaxi Xu, Ph.D.

Burnham Institute for Medical Research
La Jolla, California

“Characterizing a Novel Gene That Inhibits GSK3 Activity and Beta-Amyloid Generation”

2006 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 *A Judy Fund sponsored Zenith grant* “*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 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

A Judy Fund sponsored Zenith grant "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 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 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 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 Award Recipients:

Jorge A. Ghiso, Ph.D.

New York University
New York, New York

“Familial British Dementia: An Alternative Model of Neurodegeneration”

Hanna Ksiazak-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 A β and Its Precursor A β PP”

1999 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 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 A β Amyloid Fibril Formation”

1997 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 Induced 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 Award Recipients:

No grants funded

1994 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

"Soluble 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 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 Award Recipient:

Khalid Iqbal, Ph.D.

New York State Institute for Basic Research
Staten Island, New York

“Alzheimer Neurofibrillary Degeneration Cellular Models”

1991 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”