CURRICULUM VITAE

George Perry, Ph.D.

Chief Scientist, Brain Health Consortium, and Professor of Biology and Chemistry Semmes Foundation Distinguished University Chair in Neurobiology, College of Sciences, University of Texas at San Antonio

Personal:

Born: 12 April 1953, Point Conception, Lompoc, Santa Barbara County, California, USA Ethnic Origin: http://trees.ancestry.com/tree/38911572/family/family/iew

Citizenship: United States; Portugal (pending)

Marital Status: Married (21 May 1983), Maria-de-la-Paloma Aguilar-Muñoz

Children: Anne Aguilar Perry (14 January 1989), Elizabeth Aguilar Perry (7 September 1991)

Languages: English and Spanish
Office Address: College of Sciences

The University of Texas at San Antonio

One UTSA Circle

San Antonio, Texas 78249-0661

Telephone: 210-458-4450 / Telefax: 210-458-4445

E-Mail: george.perry@utsa.edu

Home Address: 15852 Revello Drive

Helotes, Texas 78023-5133 Telephone: 210-241-3400 Email: perry2500@gmail.com

Websites:

http://utsa.edu/biology/faculty/GeorgePerry.html

http://en.wikipedia.org/wiki/George Perry %28neuroscientist%29

http://my.indexcopernicus.com/gperry

http://orcid.org/0000-0002-6547-0172

http://t1t2.rtrn.net/profilesweb/ProfileDetails.aspx?From=SE&Person=2469&PersonSource=University+of+Texas+at+San+Antonio

Education:

1971	High School, Lompoc Senior High School, Lompoc, California
1973	A.A., Liberal Arts, Allan Hancock College, Santa Maria, California
1974	B.A., High Honors, Zoology, University of California at Santa Barbara
1979	Ph.D., Marine Biology, Scripps Institution of Oceanography, University of California
	at San Diego (David Epel, Ph.D., Advisor)
	http://neurotree.org/neurotree/peopleinfo.php?pid=9501
1982	Postdoctoral Fellow, Department of Cell Biology, Baylor College of Medicine
	(B.R. Brinkley, Ph.D. and Joseph Bryan, Ph.D., Advisors)
2007	Doctorado Honoris Causa (Hon. D.), Universidad Arturo Prat, Iquique, Chile

Professional Training:

1974-1977	Graduate Student, Scripps Institution of Oceanography, University of California at San Diego
1975-1977	Graduate Student, Summer Program, Marine Biological Laboratory, Woods Hole,

Massachusetts

1977-1979	Graduate Student, Hopkins Marine Station, Department of Biological Sciences, Stanford University, Pacific Grove, California
1979-1982	Postdoctoral Fellow, Department of Cell Biology, Baylor College of Medicine, Houston,
	Texas
2012	Harvard-Macy Institute, Leading Innovations in Health Care and Education Program,
	Harvard Medical School, Boston, Massachusetts
2012	Fulbright Senior Specialist, University of Chile, Santiago, Chile
2017	Professional Mentoring Skills Enhancing Diversity (Promised) Career Coach Training,
	University of Pittsburgh, Pittsburgh, Pennsylvania

Military Service:

1972-1974 Army Reserve Officer Training Corps, University of California at Santa Barbara Friends of the Reserve Officer Training Corps Award, 1973

Faculty Appointments:

1982-1989	Assistant Professor of Pathology, Case Western Reserve University, Cleveland, Ohio
1989-1990	Assistant Professor of Neurosciences, Case Western Reserve University, Cleveland, Ohio
1989	Award of Tenure, Case Western Reserve University, Cleveland, Ohio
1989-1994	Associate Professor of Pathology, Case Western Reserve University, Cleveland, Ohio
1990-1994	Associate Professor of Neurosciences, Case Western Reserve University, Cleveland, Ohio
1994-2005	Professor of Pathology and Neurosciences, Case Western Reserve University, Cleveland,
	Ohio
2001-2005	Interim-Chair, Department of Pathology, Case Western Reserve University, Cleveland, Ohio
2006-	Affiliate Professor, Department of Chemistry and Biochemistry, University of Alaska,
	Fairbanks, Alaska, USA
2006-	Adjunct Professor of Pathology and Neurosciences, Case Western Reserve University,
	Cleveland, Ohio
2006-	Dean, College of Sciences, The University of Texas at San Antonio, San Antonio, Texas
2006-	Professor of Biology, The University of Texas at San Antonio, San Antonio, Texas
2012-	Adjoint Professor of Biochemistry, University Texas Health San Antonio, San Antonio,
	Texas
2014-	Professor of Chemistry, The University of Texas at San Antonio, San Antonio, Texas

Research Support:

1979-1980	National Institutes of Health, Postdoctoral Fellowship Awards, 1979 (declined to accept) and 1980 (declined to accept).
1980-1982	Muscular Dystrophy Association, Postdoctoral Fellow
1982-1988	National Institutes of Health, P01-AG-00795, Co-Investigator, Aging changes in neuronal structure and function. (1985-1989: \$399,582) (Raymond Lasek, Program Director, Pierluigi Gambetti, Principal Investigator)
1988-1989	National Institutes of Health, P50-AG-08012, Alzheimer Disease Research Center, Principal Investigator Pilot Project, PHF binding proteins. (1988-1989: \$18,929) (Peter Whitehouse, Center Director)
1988-1990	American Health Assistance Foundation, Principal Investigator, Amyloid precursor in Alzheimer disease. (1988-1990: \$94,979)
1988-1993	National Institutes of Health, K04-AG00415, Research Career Development Award, Principal Investigator, Amyloid precursor in Alzheimer disease. (1988-1993: \$228,584)
1989-1990	Alzheimer's Association Pilot Research Grant, Principal Investigator, Aged or alcoholic rat as experimental model of neurofibrillary pathologies. (1989-1990: \$24,886)
1987-1990	Ohio Diagnostic and Treatment Center for Alzheimer's Disease, Principal Investigator, Amyloid precursor in Alzheimer disease. (1987-1990: \$147,912) (Peter Whitehouse, Center Director)
1988-1995	National Institutes of Health, R01-AG07552, Principal Investigator, Amyloid precursor in Alzheimer disease. (1988-1991: \$165,249; 1991-1994: \$296,140)

1989-1994	National Institute of Health, R01-AG08155, MERIT Award, Co-Investigator, Molecular pathology of Alzheimer disease. (1989-1994: \$953,475) (Pierluigi Gambetti, Principal Investigator)
1990-1999	National Institutes of Health, R01-AG09287, Principal Investigator, Neurofibrillary pathology in Alzheimer disease. (1990-1995: \$494,125; 1996-2000: \$362,669)
1991-1993	National Institute of Health, P35-AG08992, Leadership and Excellence in Alzheimer Disease, Principal Investigator Pilot Project, Aged or alcoholic rat as an experimental model of neurofibrillary pathology. (1991-1993: \$49,621) (Pierluigi Gambetti, Primary applicant)
1993-1995	National Institutes of Health, R35-AG08992, Leadership and Excellence in Alzheimer Disease, Principal Investigator Pilot Project, Identify the chemical basis of detergent-insolubility of PHF. (1993-1995 \$63,087) (Pierluigi Gambetti, Primary Applicant)
1993-1995	National Institutes of Health, P50-AG08012, Alzheimer's Disease Research Center, Co-Investigator, Subproject 1. (1994-1995: \$100,566) (Peter Whitehouse, Center Director; Karl Herrup, Principal Investigator)
1994-1998	North Atlantic Treaty Organization, Collaborative Research Grant, CRG 94 0642, Co- Investigator, Soluble amyloid beta protein in brain and cerebral spinal fluid. (1994-1996: 140,000BF; 1996-1998: 147,000BF) (Massimo Tabaton, Principal Investigator)
1994-1999	Belgian National Foundation for Scientific Research, Member of the group, Collaborative Research Group on Alzheimer Disease. (1994-1999: 2,500,000 BF) (Jean-Jacques Martin, Principal Investigator)
1995-1996	Neurogeriatrics Fund, Co-Investigator, Development of imaging agents for amyloid localization in Alzheimer's disease and related disorders. (1995-1996: \$9,263) (Robert P. Friedland, Principal Investigator)
1995-2005	National Institutes of Health, T32-AG00105, Co-Principal Investigator, 1999-, Cellular and molecular aging. (1995-2000: \$901,613; 2000-2005: \$1,045,755) (Arnold I. Caplan, Principal Investigator)
1996	Britton Fund, Co-Investigator, Studies in Alzheimer disease. (1996: \$25,000) (Pierluigi Gambetti, Principal Investigator)
1996-1999	Neurogeriatrics Fund, Principal Investigator, Noninvasive assessment of oxidative stress in patients with Alzheimer's disease. (1996-1999: \$50,090)
1997-1999	American Health Assistance Foundation, Principal Investigator, Oxidative damage in Alzheimer disease. (1997-1999: \$199,853)
1997-2005	National Institutes of Health, R01-AG14249, Co-Principal Investigator, Cytoskeletal oxidative modifications. (1997-2000: \$453,244; Lawrence M. Sayre, Principal Investigator) (2000-2005: \$875,000; Vernon Anderson, Principal Investigator)
1998-2001	Alzheimer's Association, IIRG98-140, Principal Investigator, Neurofilament proteins are specific targets of oxidative stress. (1998-2001: \$163,056)
1999-2002	Alzheimer's Association Temple Award, TLL-99-1872, Principal Investigator, Role of metals in oxidative balance in Alzheimer's disease. (1999-2001: \$226,257)
1999-2002	National Institutes of Health, R01-NS38648, Co-Investigator, Metabolic abnormalities in Alzheimer disease. (1999-2002: \$490,448) (Mark A. Smith, Principal Investigator)
2000-2012	Elan Pharmaceuticals Incorporated, Principal Investigator, #1439 Alzheimer Award (\$(7,500 annually)
2000-2002	United Mitochondrial Disease Foundation, Principal Investigator, Is oxidative damage a result of metabolic abnormalities in Alzheimer disease? (2000-2002: \$16,619)
2000-2003	Alzheimer's Association, IIRG-00-2163, Co-Principal Investigator, Modulation of the redoxactivity of iron and copper in Alzheimer disease. (2000-2003: \$217,815) (Mark A. Smith, Principal Investigator)
2001-2006	National Institutes of Health, R01, Co-Investigator, Anti-apoptotic activity of Alzheimer Aβ. (2001-06: \$450,000) (Craig S. Atwood, Principal Investigator)
2002-2003	Fullerton Family Charitable Trust, Co-Principal Investigator, Molecular epidemiology and neurobiology of Aβ-like antibody antigen interactions in Alzheimer's disease. (2002-2003: \$200,000) (Robert P. Friedland, Principal Investigator)
2002	Case Western Reserve University, Presidential Technology Development Grant Program, Co-Investigator, Labeling of cerebral Aβ deposits in vivo using intranasal administration of serum amyloid P component. (2002: \$47,000) (Robert P. Friedland, Principal Investigator)
2003-2005	Philip Morris, USA, Postdoctoral Fellowship (Kazuhiro Honda, M.D., Ph.D.), Sponsor (2003-2005: \$80,000)

2004-2007	Philip Morris, USA, Principal Investigator, Sources of reactive oxygen species in Alzheimer
	disease. (2004-2007: \$300,000)
2004-2007	Alzheimer's Association, IIRG-04-1272, Principal Investigator, Phosphorylation dependency
	of protein oxidation. (2004-2007: \$218,184)
2005-2006	Philip Morris, USA, Postdoctoral Fellowship (Gemma Casadesus, Ph.D.), Sponsor (2005-
	2006: \$40,000)
2005-2008	National Institutes of Health, R01-AG026151, Co-Investigator, Amyloid-beta: The Alternate
	Hypothesis (2005-2008: \$492,000) (Mark A. Smith, Principal Investigator)
2006-2009	National Institutes of Health, R01-AG024028, Principal Investigator*, Metal ion is critical in
	Aβ-Induced JNK activation. (2006-2009: \$656,000) (*Principal Investigator changed to
	Xiongwei Zhu)
2006-2008	University of Texas System, STARS Program (2006-2008; \$300,000)
2007-2009	Alzheimer's Association Zenith Fellows Award, ZEN-07-59500, Principal Investigator,
	Mitochondrial abnormalities in Alzheimer disease. (2007-2009: \$250,000)
2007-2008	Autism Research Institute, Co-Investigator, Neuronal oxidative stress in autism. (2007-2008:
	\$75,000) (Xiongwei Zhu, Principal Investigator)
2010-2013	Alzheimer's Association, IIRG-10-173471, Principal Investigator, The role of PGC-1 alpha in
	Alzheimer disease. (2010-2013: \$200,000)
2011-2014	University of Texas System, Transformation in Medical Education, Member, Facilitated
	Acceptance to Medical Education (UTSA-UTHSCSA). (2011-2014: \$598,880)
2010-2015	National Institutes of Health, G12-MD007591,Co- Principal Investigator, RCMI Center for
	Interdisciplinary Health Research (2010-2015: \$12,657,146)
2012-2014	Convocatoria INDICASAT-AIP para proyectos de investigación con fondo SENACYT-BID
	(Panama), Co-Investigator, Desarrollo de bioensayos para el cribado de compuestos para el
	tratamiento de Alzheimer (2012-2014: \$60,000) (Patricia Llanes Fernández, Principal Investigator)
2012	National Institutes of Health, G12-MD007591, Principal Investigator, RCMI Center for
	Interdisciplinary Health Research, Subproject: Protein Biomarkers Core (2010-2015: \$1,679,913)
2012	National Institutes of Health, G12-MD007591-1351, Co-Principal Investigator, RCMI Center for
	Interdisciplinary Health Research Supplement (2012: \$171,363)
2012	Fulbright Senior Specialist, University of Chile, Santiago, Chile (2012: \$4,820.76)
2013	Hannah Foundation, San Antonio, Texas (2012: \$1,000)
2013-2017	Alzheimer's Association, IIRG-13-284849, Principal Investigator, PGC-1 alpha as a therapeutic
	target for Alzheimer disease (2013-2017: \$240,000)
2013-2014	National Institutes of Health, R41AG-046987, Consultant, Inhibition of retinoic acid metabolism for
	reversal of cognitive deficits in AD, Fanny Astruc-Diaz, Principal Investigator (2013:\$148,691)
2013-2014	National Institutes of Health, G12-MD007591, Co-Principal Investigator, RCMI Center for
	Interdisciplinary Health Research Supplement (2013-2014: \$191,146)
2014-2016	National Institutes of Health, R44AG044234, Consultant (\$5,000), Instrument for single molecule
	sequencing of Alzheimer's-relevant genomic oxidation, David E. Wolfe, Principal Investigator
	(2014-2016: \$474,646)
2014-2015	RTRN Pilot Project Program, U54MD008149, Collaborator (\$15,000), Frederick Bellinger,
	Principal Investigator, Selenate and reduction of neurofibrillary tangle formation: role of
	selenoprotein
2014-2016	National Institutes of Health, G12-MD007591, Principal Investigator, RCMI Center for
	Interdisciplinary Health Research, Subproject: Biophotonics Core (2014-2016: \$338,179)
2014-2015	National Institutes of Health, G12-MD007591, Principal Investigator, RCMI Center for
	Interdisciplinary Health Research Supplement (2014-2015: \$173,219)
2015-2016	RTRN Pilot Project Program, U54MD00919, Collaborator (\$4,000), Frederick Bellinger,
	Principal Investigator, Selenate and reduction of neurofibrillary tangle formation in role of
	selenoprotein.
2016-2017	San Antonio Life Sciences Institute (SALSI) Cluster in Research Excellence Award, (Principal
	Investigator changed to Stephen Bach), Utilizing imaging mass spectrometry and electron
	microscopy to investigate nucleoplasmic reticulum in Alzheimer's disease, (2016-2017:
	\$100,000)
2016-2017	National Institutes of Health, G12-MD00814S1, Principal Investigator, RCMI Center for
	Interdisciplinary Health Research, Supplement (2016-2017: \$1,101,680)
2016-2020	National Institutes of Health, R25GM116740, Doris Rubio, Principal Investigator, Co-
-	Investigator, Leading Emerging and Diverse Scientists to Success (LEADS) (2016-2017:
	\$13,427)

2017-2019

Phoenix Biotechnology Inc., Effect of PBI-05204 and PBI-04711 on neuropathology of Alzheimer disease. Principal Investigator Hyoung-gon Lee; Co-Investigator George Perry. (2017: \$120,000; 2018: \$120,000)

Awards and Fellowships:

California Scholarship Federation: Life Member, 1971; One Hundred Percent Member, 1971

Bausch and Lomb Medal, 1971

Alexander—Bee Trust Scholarship, 1974

Kennecott Copper Fellowship, 1974-1975

National Science Foundation, Research Assistantship, 1974-1979

National Institutes of Health, Postdoctoral Fellowship Awards, 1979 (declined to accept) and 1980 (declined to accept).

Muscular Dystrophy Association, Postdoctoral Fellow, 1980-1982

Canadian Association of Neuropathologists meeting, Mary Tom Award, Best Paper Clinicopathological Correlation, 1987

National Institutes of Health, Research Career Development Award, 1988-1993

National Institute of Health Leadership and Excellence in Alzheimer Disease, Junior Investigator, 1990 (declined to accept)

American Society for Cell Biology Travel Fellowship, Madrid, Spain, 1992

Spectrum of Research on Aging and the Aged, Cleveland, Ohio, First Prize, Biological Sciences, 1995.

American Association for the Advancement of Science, Fellow, 1998.

Sigma XI, 1998

Temple Award, Alzheimer's Association, 1999.

Distinguished American of Portuguese Ancestry, Portuguese-American Historical and Research Foundation, Incorporated, 2001.

Hall of Fame, Lompoc High School Alumni Association, Lompoc, California, 2003.

Mensch Award, Alzheimer Research Forum, 2003.

Top 20 Most-Cited Authors in Alzheimer's Disease, Essential Science Indicators, 2003.

100 Most-Cited Scientists in Neuroscience and Behavior of the decade, In-cites, 2004,2005,2006,2007

Community Service Award, Cleveland Area Chapter of the Alzheimer's Association, 2004.

Faculty of 1000 Biology, Member, Neurobiology of Disease and Regeneration section, 2004.

Top 25 Lab Heads in free radical research, Free Radical Lab Registry, 2007.

Zenith Fellow, Alzheimer's Association, 2007.

Doctorado Honoris Causa (Hon. D.), Universidad Arturo Prat, Iguique, Chile, 2007

ISI Highly Cited.com, Neuroscience, 2008, H=107; 45,756 citations

http://highlycited.com/categories/neuroscience/

Denham Harman Research Award, American Aging Association, 2008

Iberoamerican Molecular Biology Organization (IMBO), 2008

Real Academia de Ciencas, Naturales (RAC), Correspondient es extranjeros, (Royal Spanish Academy of Sciences, Natural Sciences, Foreign corresponding member), Elected 2009, Inducted 2013

Top 100 Alzheimer's Disease Investigators, 2009 http://j-alz.com/top100/introduction.html

Alzheimer Award / Alzheimer Medal, Journal of Alzheimer's Disease, 2010

(Rudy J. Castellani, primary awardee http://www.j-alz.com/award/award 2010.html)

Society for the Advancement of Chicanos and Native American Scientists (SACNAS), Distinguished Professional Mentor Award, 2010

Royal Society of Medicine. Overseas Fellow. 2010

Academia Mexicana de Ciencias (AMC), Miembro correspondiente (Mexican Academy of Sciences, Corresponding Member), Elected 2010, Inducted 2012

Dana Alliance for Brain Initiatives, 2010

Linnean Society of London, Fellow (FLS), Elected 2011

Top 20 Alzheimer's Disease Authors, 2011 http://sciencewatch.com/ana/st/alz2/authors

Royal Society of Chemistry, Fellow (FRSC), Elected 2011

Microscopy Society of America, Fellow (FMSA), Elected 2011

Alzheimer Award / Alzheimer Medal, Journal of Alzheimer's Disease, 2011

(Mark A. Smith, primary awardee http://www.j-alz.com/award/award 2011.html)

National Honor Plaque of Panama for exceptional contribution to "Neuroscience", Secretaría nacional de Ciencia, Technología e Innovación (SENACYT), (National Secretariat for Science, Technology and Innovation), Panama, 2011

Royal Society of Biology (Formerly Society of Biology), Fellow (FRSB), Elected 2011

International College of Geriatric Psychoneuropharmacology (ICGP)

Senior Investigator Award, 2011

Royal College of Pathologists, Fellow (RCPath), Elected 2011

Academia de Ciêncas de Lisboa (ACL), Sócio Correspondente Estrangeiro, (Academy of Sciences of Lisbon, Foreign Corresponding Member), Elected 2011, Inducted 2016

Royal Society of Biology (formerly Society of Biology), Chartered Biologist (CBiol), Elected 2011

Top Scientists in the World, Via Academy, 2012 http://www.tisreports.com/products/19-

Top scientists in the world the Via academy compilation.aspx

Fulbright Senior Scholar Specialist Program, 2012

Phi Kappa Phi, Charter and Life Member, 2012

Royal Society of Biology (formerly Society of Biology), Chartered Scientist (CSci), Elected 2012

Royal Society of Chemistry, Chartered Chemist (CChem), Elected 2012

International Conference on Research in Applied Computation Symposium, Association of Computing Machinery, Outstanding Service Award, 2012

Portuguese Tribune Scientist of the Year, 2012

Governo dos Açores, Notaveis dos Açores (Notable Azoreans), 2012

http://notaveisazores.com/index.php?static=personalidades&action=verPersonalidade&personalidade_id=208

Azorean Spirit, SATA Inflight Magazine, Gente Notável (Notable People), 2012

Semmes Foundation Endowed Chair in Neurobiology, 2013

Martin Goland Award. Sigma Xi. Alamo Chapter. 2013

Leading Expert – Alzheimer Disease, Expertscape, 2013

http://www.expertscape.com/au/alzheimer%20disease/Perry%2C+George

Royal Society of the Encouragement of Arts, Manufactures and Commerce, Fellow (FRSA), Elected 2014 UDAAN – Lifetime Achievement Award, International Research Journal of Humanities, Engineering and Pharmaceutical Sciences and Association for Innovation, India, 2014

Semmes Foundation Distinguished Chair in Neurobiology, 2014

Royal Microscopical Society, Fellow (FRMS), Elected 2014

Top 100, Latino Business Leaders, Latino American Who's Who, 2014-2015

Semmes Foundation Distinguished University Chair in Neurobiology, 2015

Distinguished Fellow, International Engineering and Technology Institute, 2015

Fellow, Academy of Biotechnology and Pharmacy (FABAP), India, 2015

Fellow, Texas Academy of Science, 2016

Lifetime Achievement Award, World Automation Congress, 2016

World Academy of Medical Sciences, Fellow (FWAMS), 2017

EU Academy of Sciences, 2017

Royal Society of Biology (formerly Society of Biology), Chartered Science Teacher (CSciTeach), Elected 2017

Albert Nelson Marguis Lifetime Achievement Award, Marguis Who's Who, 2017

2017 Annual Scientific Award, International Engineering and Technology Institute, 2018

Committee Appointments:

Department of Pathology, Case Western Reserve University:

Seminar Committee

Member 1984-; Organizer 1984-1994; Chair 1991-1994; Co-Activity Director, Continuing Medical Education 1985-1994

Committee on Appointment, Promotion and Tenure

Member 1994-2005; Chair 1994-2001

Finance Committee

Member 1994-1995

Faculty Equity and Development Committee

Member 1996-1999

Departmental Self-Study Committee

Sole Elected Member 1998; Chair 1998

Research Committee

Ex-Officio Member 2002-2005

Unified Mission Committee

Ex-Officio Member 2002-2005

Education Committee

Ex-Officio Member 2002-2005

Graduate Committee

Ex-Officio Member 2002-2005

Frontier's Lecture Committee

Ex-Officio Member 2002-2005

75th Anniversary Committee

Member 2004-2005

School of Medicine, Case Western Reserve University:

Faculty Council

Member 1992-1996; Steering Committee 1993-1996; Vice-Chair 1993-1994; Chair 1994-1995; Past-Chair 1995-1996

Executive Committee

Member 1994-1995, 2001-2002

Committee to Review the Dean's Executive Committee Structure and Function

Member 2002

Nominating Committee

Member 1994-1995; Vice-Chair 1994-1995

Special Committee to Nominate Candidates for the Search Advisory Committee to the President on the

Selection of a Dean of the School of Medicine

Member 1995; Chair 1995

Faculty Equity and Development Committee

Member 1995-1998

Search Advisory Committee to the Dean on the Selection of a Chair for the Department of Pathology

Sole Elected Member 1998-2001

University Memory and Aging Center

Oversight Committee for the Laboratory Service Core

Member 1999-

Basic Science Chairs

Member 2001-2005

Council of Clinical Chairs

Member 2001-2005

CASE Medicine Chairs

Member 2002-2005

Bylaws Committee

Member 2003-2006; Chair 2005-2006

CASE Research Strategic Plan Committee

Interdisciplinary Member 2003-2004

Committee on Qualifications and Standards for Appointments, Promotions, and Tenure

Member and Co-Chair 2003-2004

Graduate Education Steering Committee

M.D./M.S. Working Group 2003-2004

Search Advisory Committee for Proteomics Director

Member 2004-2005

New Faculty Symposium Planning Committee

Member 2005

Committee on Appointments, Promotion and Tenure

Member 2005-2008

University, Case Western Reserve University:

Ad Hoc Joint Committee of the Personnel Committee and Faculty Council to deal with the issue of tenure in the School of Medicine

Member 1994-1995

Presidents Advisory Committee to consider the Promotion and Tenure recommendations of the:

Faculty of the College of Arts and Sciences

Member 1996

Faculty of the Weatherhead School of Management

Member 2002

Fringe Benefits Committee

Member 1996-1997

Faculty Senate

Member 1996-1997, 2001-2004, 2005-2008

Grievance Committee

Witness 1997, 2000

Committee for Inquiry into Possible Scientific Misconduct

Member and Chair 1997

University Center on Aging and Health

Faculty Associate 1997-2006

Development Committee 1999-2006

Microscopy Research Center

Director 2001-2006

Higher Learning Commission of the North Central Association of Colleges and Schools

Interviewee, CASE Accreditation 2005

Committee on Minority Affairs

Member 2005-2008

Research ShowCASE

Steering Committee, 2005-2006

Civil Lawsuit

Witness Deposition, 2005

Neurodegeneration Brain Health Collaborative

Advisory Board Member, 2011-

University, University of Texas at San Antonio:

Center for Advancement of the Life Sciences

Director 2006-2007

Electron Microscopy Research Center

Advisor 2006-

Communication Sciences and Disorders Governing Board

Member 2006-2008

Institutional MBRS-SCORE (National Institutes of Health)

Advisory Committee Member 2006-Selection Committee Member 2006-

Combined Sciences Facility Renovation Building Committee

Member 2006-

Chair 2006-

Center for Research and Training in the Sciences (CRTS) Advisory Committee

(formerly Center for the Advancement of the Life Sciences)

Member 2006-

Chair 2011-

Graduate School Orientation Panel

Member 2006

Technology Transfer Office Director Search Committee

Member 2007, 2009-2010

University Art Commission, Art Project Advisory Committee

Member 2007-2010

Team 2016

Member 2007-

Medicine and Science (IIMS) Council of Deans

Member, 2006-

UTSA Architecture, Engineering, Business and Science Student Conference

Faculty Advisor 2007, 2008, 2009, 2010, 2011, 2012

Commission on Colleges, Southern Association of Colleges and Schools

Reaffirmation Leadership Team

Member 2007-2010

Faculty Grievance

Defendant 2008 (exonerated), 2009 (exonerated), 2010

Settlements 2007, 2008

Clinical and Translational Science Award - National Institute of Health

Member, Council of Deans 2008-

UTSA Neuroscience Institute

Member 2008-

Research Centers in Minority Institutions, (National Institutes of Health) Advisory Board

Internal Advisory Committee, Member 2008-, Chair 2012

Co-Principal Investigator 2012

State Employees Charitable Campaign (SECC)

Outstanding Dean 2007

Shining Star 2008

College of Sciences 100% Participation 2007, 2008, 2009, 2010

Department Chair Compensation Task Force

Member 2008-2009

Experimental Science Instructional Building

Building Committee 2008-

Strategic Resource Planning council

Member 2009-

Institute for Cyber Security

Steering Committee for Commercialization 2009-2010

Laboratory Safety Committee

Member 2009-

College of Sciences Research Conference

Judge 2009, 2010, 2011, 2012, 2013, 2015, 2016, 2017

Rhodes Scholarship Mock Interviews

Interviewer 2009

Minors in Laboratories Committee

Member and Chair 2010

Transformation in Medical Education (TIME) (FAME)

Executive Committee Member 2010-

Alumni Association

Associate Life Member 2010-

Family Association Member 2010-

MARC U* STAR Program

Executive Advisory Committee 2010-

University of Texas System

Transformation in Medical Education (TIME) Steering Committee

Member 2010-Reviewer 2011-

Competency Framework 2011-

Research Advisory Council

Member 2011-2012

Chair, Committee on Departmental Research Goals 2012

Civil Lawsuit

Mediation 2009

U.S. District Court, Western District of Texas 2010-12 (dismissed)

Deposition 2011

Review UTSA Undergraduate Pre-Professional Programs in Preparation for Health Professions or

Law School

Member 2010-2011

Enrollment Management

Member 2011-

Academic and Administrative Office Building Program Committee

Member 2011-

Institute for Integration of Medicine and Science Clinical and Translational Science, Cancer Therapy and Research Center and UTSA Pilot Projects

Reviewer 2012

Community Health Advisory Board

Member 2015-

Grant Reviewer 2015

Graduation Rate Improvement Plan (GRIP) Cross-Campus Team

Member 2012

Co-Chair Thematic Team 3: Curricula and Academic Planning 2013

Research Advisory Board

Member 2012-2014, 2014-2017

Working Group on Micro Issues

Member 2013-2014

Working Group on Multi/Interdisciplinary Research

Member 2013-2014

Corporate Engagement Planning Committee

Member 2012-2014

Facilitated Acceptance Medical Education (FAME)

Applicant Review Committee 2012, 2013, 2014, 2015, 2016, 2017

Leadership UTSA

Mentor 2012, 2013, 2015

Academy of Distinguished Teachers

Selection Committee 2013

Dean's Council for Research

Chair 2012-

Strategic Plan Revision 2013

Search Committee for Dean of the College of Engineering

Chair 2013-2014

Marshall Scholarship Mock Interviews

Interviewer 2013

Neuroscience Cluster Strategic Plan

Member 2014

Dean's Advisory Council for NSF ADVANCE Grant

Member 2014-

Open Cloud Institute

Executive Committee 2015-

UTSA Strategic Planning 2020 Blueprint

Recruit Exceptional Scholars

Co-Chair 2015

Expand Recruitment and Scholarships

Member 2015

Build and Maintain State of the Art Facilities

Member 2015

Recognition and Esteem

Member 2015-

Budget Task Force

Member 2016-2017

Science and Engineering Building

Advocate 2015-

Building Committee 2015-

Architect Selection Committee 2016

Contractor Selection Committee 2016

International Education Fund Committee

Member 2016

Center for Innovative Drug Discovery

Steering Committee 2016-

RISE (Research initiative for Scientific Enhancement) Program

Advisory Committee 2016-

Coordinated & Linked Approach to Student Success (CLASS) Initiative

Coordinating Council

Member 2016-

Leadership & Professional Preparedness Task Force

Chair 2016-

First to Go and Graduate Faculty

Coach 2016-

Weighted Credit Hour Optimization Committee

Member 2017-

Graduate Program Subcommittee

Member 2017-

Finance and Budget Model Task Force

Member 2017-

University, University of Texas System:

Transformation in Medical Education (TIME) Steering Committee

Member 2010-

Reviewer 2011-

Medical Knowledge and Scholarship Competency/Milestones Task Force 2011-

Professional Identity Formation Task Force Chair Search Committee 2011

Medical Knowledge and Scholarship, Co-Chair 2011-

Neuroscience and the Neurotechnology Institute (formerly Neuroscience Council)

Advisory Board 2013-

Administrative Accomplishments:

President, Microscopy Society of Northeastern Ohio, 1990-1991

Increased membership by 20%.

Balanced budget and assured continued financial strength.

Organized four successful meetings.

Served on local organizing committee for Microscopy and Microanalysis annual national meeting when held in Cleveland.

Chair, Faculty Council, School of Medicine, CWRU, 1994-1995

Primary liaison between Administration of the School of Medicine and Faculty.

Developed and implemented the first ever annual review form for Faculty in the School of Medicine. This system has since served as the model for other schools at CWRU.

Reorganized committee structure to promote Faculty involvement and mentoring of faculty.

Reviewed all promotions for equity.

Initiated and served on a committee to review CWRU tenure policies to strengthen commitment.

Associate Editor, American Journal of Pathology, 1994-2000

Sole editor for Neuropathology handling the review and making decisions on over 100 manuscript per year.

Established the journal as premier site for publications of neuropathology.

Increased impact.

Editor-in-Chief, Journal of Alzheimer's Disease, 1998-present

Founding Editor.

Developed novel editorial system to promote innovation.

Within 3 years was publishing more articles in Alzheimer disease research than any other journal.

Indexed in Medline, Index Medicus/Medline, BIOSIS Previews, Biological Abstracts, BIOBASE database,

CAB Abstracts, CAB Health, Chemical Abstracts, CSA Neurosciences Abstracts, Elsevier

BIOBASE/Current Awareness in Biological Sciences, Elsevier GeoAbstracts, EMBASE/Excerpta Medica, e-psyche database. EM Care, Journal Citation Reports/Science Edition, Neuroscience Citation Index,

Psyc Info, PubMed, Pubs Hub, Science Citation Index Expanded (Sci Search), Scopus EM Care, Journal

Citation, Citation Index, Psyc Info, PubMed, Pubs Hub, Science Citation Index Expanded (Sci Search), Scopus, Index Copernicus.

Established Alzheimer Award and Alzheimer Medal.

Impact Factor 5.1 the highest of any journal focused primarily on Alzheimer disease for 2009 20 issues per year

Index Copernicus Top 100 Journals 2009 (18th), 2010 (24th), 2011 (23rd)

President, CWRU chapter of the American Association of University Professors, 1999-2001, 2003-2006

Worked tirelessly over a 9 year period to develop meaningful tenure for all Faculty at CWRU. Organized meetings where the President, Provost, various Deans, and Chair of the Board of Trustees directly exchanged ideas with faculty.

Increased membership.

Acted as an independent liaison between the President, Chair of the Board of Trustees, Provost, and Faculty. This function was critical when the President resigned in 2000 and AAUP was the only direct contact with the Board of Trustees.

Assisted Faculty with conflict resolution by guidance in the rules and procedures of the CWRU Faculty Handbook and AAUP policy, mediation with key administration, and assistance in grievance procedures.

Interim-Chair, Pathology, CWRU, 2001-2005

Academically reunited basic science Faculty with clinical Faculty of five different administrative structures. Education mission enhanced.

- Matched 5 top residency candidates at UH in 2002. Best performance of residency programs in UH in 2002 and of the University Hospitals of Cleveland-Pathology in institutional memory. Continued excellence in succeeding years.
- Appointed committee to provide overview of educational activities to all levels to facilitate integration of Faculty and students into program.
- Enhanced Ph.D. graduate program. Rated 8th in the U.S. by Academic Analytics. Provided notebook computers and competitive awards and institutional expense accounts for students and Faculty. Lead to over half of incoming Ph.D. students selecting pathology from among 13 competing programs.

Reorganized budget.

- o Turned a 240K deficit to a 370K surplus in a 2.4M budget.
- Did not dismiss any department members.
- o Provided 12-20% salary increases for staff and 23% for Faculty.
- Established individual departmental support accounts for all Faculty and students.
- o All Faculty now supported primarily by non-departmental sources.
- Raised salary of women Faculty to parity with men (increase greater than 33%).

Planned and implemented renovation/restoration of all public and historic regions of the Institute of Pathology by working with facilities administration of the University and the School of Medicine to finance and coordinate goals.

Initiated and supported 75th anniversary celebration.

Developed objective evaluation of academic activities of Faculty as the primary basis for annual salary increase.

Increased salaries to be comparable to peer institutions based on AAMC basic sciences departments (greater than 23%).

Extramural funding increased by 45%.

Increased underrepresented minority groups in our Faculty.

Director, Microscopy Research Center, CWRU, 2001-2005

Established Center to perform high quality microscopy services for Cleveland.

Within months, the Center became financially viable.

CLEA Approval in 2002.

College of American Pathologist Approval in 2003.

Dean, College of Sciences, University of Texas at San Antonio, 2006 -

Led the first systematic college and departmental strategic plans. Aligned educational excellence goals with excellence in research.

Increased research funding nearly threefold

Organized first recruitment program of graduate and undergraduate students focused on increasing Hispanic representation through outreach in South Texas.

Managed the Texas State Science Fair (sponsored by Exxon Mobil and Texas Work Force Commission) leading to its permanent hosting by UTSA at COS.

Developed the Science Fair into a Science Technology Engineering Math (STEM) center that included the State Science fair and UTeach as a conduit to recruit undergraduate students and engagement with science teachers.

Empowered departments to work more autonomously.

Diversified leadership in our faculty by recruiting leading Hispanic scientists with vision to develop UTSA through building on HSI heritage.

Developed a process to increase salaries to compete with research one unversities.

Consolidated diversity-related grants under a center increasing effectiveness and creating synergies for program areas success.

Implemented objective criteria for merit review in each department, leading to implementation of realistic measures of performance of our faculty.

Effective use of post-tenure review.

Initiated, researched, and pushed the program to provide health insurance to Ph.D. students.

Initiated and managed a student-run scientific journal: Scope.

Refocused advisory services toward student success.

Developed and implemented the first service core facilities for major equipment managed by the College. Increased inclusion and communications by adopting a leadership and policy advising body consisting of Associate Deans, Chairs, and Center Directors.

Aligned allocation of fiscal resources to meet priority research and academic needs by revising faculty hiring priorities to meet granting agency requirements and academic needs across the college.

Organized the first meeting of South Texas HSI Deans of Colleges of Science.

Developed joint Ph.Ds. in Biology and Physics with UT Brownsville

Initiated Governor's Science and Technology Champions Academy 2008, 2009

Memorandum of Understanding with Universidad Nacional Autonoma de Madrid, Universidad Nacional Autonoma de Mexico, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, Universidad de Nuevo León, Universidad de Vericruzana, Ponce School of Medicine and Health Sciences

Initiated and organized the first awards for College faculty and staff

Led College in UTSA's Quality Enhancement Plan (QEP) for SACS Commission on College reaffirmation of accreditation

Sigma Xi Chapter Award given to the Alamo Chapter based on their partnership with our Texas State Science Fair

Partnership with Engineering led to UT system award for Graduate Program Initiative, one of only two awarded to a university in the system

Developed a professional teaching track

Developed the first print magazine: Catalyst

Developed the first College of Sciences Research Conference, spanning all of South Texas

Led successful reaccreditation of the College by Southern Association of Colleges

Successfully completed 360 evaluation as Dean in third and sixth years

Advising Center "Strategies for Academic Success" was the 2011 National Academic Advising

Association Outstanding Institutional Advising Program Award Winner

Secured two Welch Distinguished University Chairs in Chemistry Total \$5M

First Dean to complete Capitol Campaign Fund Goal of \$11M and of Second Campaign Fund Goal of \$21M and over \$27M for goal. Raised over \$42.9M total as Dean.

Secured a Kleberg Distinguished Chair in Stem Cell Biology \$1.5M

2011, 2012, University Advancement Award

Designated Hispanic-serving Agricultural College and University

Secured a Lutcher Brown Chair in Physics \$1M

Secured a Weldon Hammond Professorship in Hydrology \$0.5M

[Pages 7-8, UTSA and UT committee leadership listed under Committee Appointments]

Secured a John Feik Distinguished University Chair in Medicinal Chemistry \$2M

Secured a Semmes Foundation Distinguished Chair in Neurobiology \$1.5M

Increased endowment by over 100% to over \$20M

Chaired Council of Deans for Research and led revision of UTSA Strategic Research Plan

Chaired Search for Dean of College of College of Engineering

Secured a Daniel Parman Chair in Applied Mathematics \$1M

Nation's Top School for Cybersecurity, Computer World Magazine, 2014

Head of Center Research and Training in the Sciences, most well funded center at UTSA

Secured a Voelcker Distinguished Professorship 2014 \$0.5M

Served on and led portions of the UTSA Strategic Plan 2020 Blueprint

Secured a Semmes Foundation Chair in Cell Biology 2015 \$1M

Secured a Doran Professorship in Neurobiology 2016 \$0.5M

Secured a Kleberg gift of \$2.7M for Brain Health

Society Memberships:

1976- American Association for the Advancement of Science

Fellow 1998-

Council Delegate 2014-2015 Symposium Reviewer 2015, 2016

Southwestern and Rocky Mountain Division of AAAS

President 2013-2015

Executive Director (Interim) 2014-2015

1980- American Society for Cell Biology

International Affairs Committee, Associate 2009-

Ambassador 2010-

2009- Microscopy Society of America

Local Arrangement Committee 1997

Fellow 2011

Poster Judge 2012

1996- American Association of University Professors

Case Western Reserve University Chapter, Ohio Conference

Executive Committee 1996-2006; Chair, Membership 1996-1998; Vice President 1998-1999; President 1999-2001, 2003-2006; Court Witness

2005

The University of Texas at San Antonio, Texas Conference

Associate Member 2006-

1986- Society for Neuroscience

Neuroscientist - Teacher Partner program 2008-

1987- American Association of Neuropathologists

Awards Committee 1992-1993, 1995, Chair 2001-2002; International Congress of Neuropathology, Concilator 1995-2000, 2013-2018; Membership Committee 2002-; Secretary-Treasurer 2003-2008; Newsletter Editor 2003-2008; President-Elect 2007-2008; President 2008-2009; Past President 2009-2010; Nominating

Committee 2010-2013 (Chair 2010)

1987- International Society of Neuropathology

1987- American Society for Investigative Pathology

BioInfo Net 1996-1997; Program Committee 1998-2001, 2012-; Neuroscience Theme Committee, Experimental Biology 1999; Intersociety Pathology Council Representative 2005-; Career Development and Diversity (formerly Committee for

Career Development, Women and Minorities) 2012-; Summer Research

Opportunity Program in Pathology (SROPP) 2012; Abstract Reviewer 2014, 2015,

2016; Pathforward 2016-

1988-1995 Cleveland Society of Pathologists 1996-1998 American Society for Neurochemistry

1998- Sigma Xi

CASE Chapter 1998-2006

Special Judge, Intel International Science and Engineering Fair, 2003

President, CASE Chapter, 2004-2006

Alamo Chapter 2006-

2008 Advisor, San Antonio Science Café Organizing Committee

2008 Chapter Award Program Winner based on partnership with UTSA

2013 Awards Committee

	Spirit of Innovation Awards, Conrad Foundation Expert 2009 Judge 2013, 2014
1999-	Student Research Showcase, Judge 2013 American Institute of Biological Sciences
1999-	Mitochondrion Research Society
2000-2006	United States and Canadian Academy of Pathology
2001-2006	Portuguese Ancestry
2001-	American-Portuguese Genealogical and Historical Society
	Member 2001-
	Life Member 2009-
2001-2005	Association of Pathology Chairs
	Research Committee 2001-2005
2001-2004	International College of Geriatric Psychoneuropharmacology
	Senior Investigator Award 2011
2002-2005	University Association for Research and Education in Pathology
2005-	International Maillard Society
0005 0040	Councilor-at-Large 2005-
2005-2010	Portuguese American Leadership Council of the United States Member 2005-2009
	Associate Member 2009-2010
2006-	Council of Colleges of Arts and Sciences
	Mentoring Program 2012
2005-	Society for Advancement of Chicanos and Native Americans in Science (SACNAS)
	Member, Awards Committee 2006, 2007, 2009, 2010, 2011, 2012, 2013, 2014
	Member, Abstract Review and Selection Committee 2007, 2008, 2009, 2010, 2013,
	2014, 2015, 2017
	Member, MentorNet 2008-
	Life Member 2009-
	Distinguished Professional Mentor Award 2010
	Friend of the Society 2010-
	Conversations with Scientists and Engineers 2010, 2011, 2012, 2013, 2014, 2015 2013 SACNAS National Conference Task Force 2012-2013
2006-	Texas Association for Science Fairs
2006-	Texas Association of Deans of Liberal Arts and Sciences
2000-	Board Member 2009-
2007-2012	American Society for Biochemistry and Molecular Biology
2007-	International Society to Advance Alzheimer's Research and Treatment (ISTAART)
	Abstract Reviewer AAIC14 2014
2008-	Forum Internacional de Investigadores Portugueses
2008-	Iberoamerican Molecular Biology Organization (IMBO)
2009-	National Organization of Portuguese-Americans
	Member 2009-
	Advocate 2010-2013
	Advisory Board 2009-2012
	Director, Education/Research Initiatives 2012-
	Founder's Circle 2013-
0000	Board of Directors, Chair 2013-
2009-	Beta Beta National Biological Honor Society
2009-	Graduate Lifetime Member, 2009- Real Academia de Ciencas (RAC)(Royal Spanish Academy of Sciences)
2009-	Foreign Member, Natural Sciences, Elected 2009
2009-	Portuguese American Post-Graduate Society
_000	Member 2009-
	Austin Chapter, Member 2010-2012
	Texas Chapter, Leader 2013-2016
2010-	Mind Science Foundation
	Friends of Mind Science 2010-2012
	Pesearch Dioneer 2012 2014

Research Pioneer 2012-2014

	Research Partner 2014-
	Board of Trustees 2012-2015, 2015-2018
	Development Committee 2012-
	Science Committee 2013-2017
2010-	Alzheimer's Association, Star Chapter
2010	Volunteer Recognition 2010
2010	· · · · · · · · · · · · · · · · · · ·
2010-	Baylor College of Medicine Alumni Association
	Executive Committee 2010-2020
	Awards Committee 2010-2020
	Secretary 2015-2016
	Vice President 2016-2017
	Bylaws Committee, Chair 2017
	President-Elect 2017-2018
	President 2018-2019
	Nominating Committee, Chair 2018
2010-	Texas Society for Microscopy
	Member 2010-
2010-	Royal Society of Medicine
20.0	Overseas Fellow 2010
2010-	Academia Mexicana de Ciencias (AMC), (Mexican Academy of
2010-	Science), Corresponding Member, Elected 2010, Induction 2012
2010	
2010-	Dana Alliance for Brain Initiatives
2010-	Texas Academy of Science
	Judge for Poster Presentations 2012, 2013, 2014, 2015, 2016, 2017
	Judge for Oral Presentations 2012, 2014, 2015, 2016
	Neuroscience Section Chair 2014-2016
	Academic Director 2014-2017
	Abstract Reviewer 2015, 2017
	Sustaining Member 2015, 2016, 2017
	Development Committee 2015-
	Fellow 2016
	Awards Committee 2016-
	Publications Committee 2016-
2011-	Linnean Society of London
2011	Fellow, Elected 2011
2011-	Royal Society of Chemistry
2011-	Fellow, Elected 2011
0044	Chartered Chemist 2012
2011-	American Aging Association
	Poster Judge 2012
	James Joseph and Mark A Smith Lecture Committee 2012-
2011-	UCSD Alumni Association
2011-	Royal Society of Biology (Formerly Society of Biology)
	Fellow, Elected 2011
	Chartered Biologist, 2011, Professional Development Completed 2013, 2014, 2015
	Chartered Scientist, 2012
2011-	American Chemical Society
2011-	European Microscopy Society
2011-	American Chemical Society
2011-	Royal College of Pathologists
	Fellow, Elected 2011
2011-	UCSB Alumni Association
2011	Life Member 2011-
2011-	
ZU11-	Academia de Ciêncas de Lisboa (ACL), (Academy of Sciences of Lisbon), Foreign
2014	Corresponding Member, Elected 2011
2011-	Reproductive Biology and Genetics Society
2012-	Phi Kappa Phi (National)
	Life Member 2012
	UTSA Charter Member 2012

	Life Member (UTSA Chapter) 2014
2012-	World Federation of Neurology
2012-	World Affairs Council of San Antonio
2012-	Alpha Epsilon Delta
	Advisor 2012-
2012-	Research Centers in Minority Institutions Program Directors Association
	Nominating Committee 2012-
	Advocacy Committee 2012-
	Advocate Selection Committee 2014
2012-	Royal Microscopical Society
	Fellow, Elected 2014
2013-	Fulbright Association
	Life Member 2013
2013-	Research Centers in Minority Institutions Translational Research Network
	Steering Committee 2013-2015; 2015-2017
	Symposium Committee 2015-
2015-	UTSA Retired Faculty Association
	Lifetime Honorary Membership
2015-	International Engineering and Technology Institute
	Senior Member 2015
	Distingished Fellow 2015
	Executive Committee 2016
	Chair, 2016
	President 2016
0040	San Antonio Branch President 2016-
2016-	ALZA - Associação Alzheimer Açores
004=	Member 2016-
2017-	World Academy of Medical Sciences
	Executive Committee 2017-
	Scientific Committee 2017-
	Fellow 2017-

Review Boards:

Granting Agencies:

National:

Allen Institute for Brain Science

Alzheimer's Association

Alzheimer Foundation of America

Alzheimer's Research and Prevention Foundation

American Federation for Aging Research

American Health Assistance Foundation

American Institute of Biological Sciences

Alzheimer's Drug Discovery Foundation (formerly Institute for the Study of Aging)

Banner Sun Health Research Institute

Department of Defense

Kentucky Science and Engineering Foundation

Lifeboat to the Stars Award

MacArthur Foundation Fellows Program

Mind Science Foundation

National Aeronautics and Space Administration (NASA)

National Defense Science and Engineering Graduate Fellowship Program

Cognitive, Neural and Behavioral Sciences

National Institutes of Health (NIH)

Brain Disorders and Clinical Neurosciences-1 Study Section Brain Disorders and Clinical Neurosciences-2 Study Section

Brain Disorders and Clinical Neurosciences-3 Study Section

Center for Scientific Review

Fogarty Foundation Study Section

Immunobiology Study Section

Medical Biochemistry Study Section

Molecular, Cellular, and Developmental Neuroscience Study Section

National Institute on Aging

National Institute of Diabetes and Digestive and Kidney Diseases

National Institutes Environmental Health Sciences, Research Triangle, North Carolina

National Institute of Mental Health

National Institute on Neurological Diseases

National Institute of Neurological Disorder and Stroke

Neurological Sciences I Study Section

Neurological Sciences 3 Study Section

Neurology A Study Section

Molecular, Cellular and Developmental Neurosciences-2 Study Section

RTRN Collaboration Enhancement Award Program

National Science Foundation

National Science Foundation International Research Fellowship Program

National Science Foundation, Graduate Research Fellowship Program

Systems Plus

United States Civilian Research and Development Foundation

Veterans Administration

Virginia Center on Aging

International:

Action Medical Research (United Kingdom)

Agence Nationale de la Recherche, Programme, Maladie d'Alzheimer et Maladies Apparentées (France)

Agencia Nacional de Promoción Cientifica y Technologica y de Innovación, Argentina

Alzheimer Forschung International e.v.:

Alzheimer Netherland

Alzheimer's Research UK

Alzheimer Society of Canada

Alzheimer's Society (United Kingdom)

AFM Telethon (France)

Antioxidants Travel Awards

BBSRC - Biotechnology and Biological Sciences Research Council (United Kingdom)

BUPA Foundation, Alzheimer's Society (United Kingdom)

Canadian Alzheimer Association:

Canadian Council for the Arts, Killam Research Fellowship:

Canada Foundation for Innovation

Canadian Institutes of Health Research

Canadian Medical Research Council:

Centres of Excellence in Neurodegenerative Diseases (CoEN)

Chief Scientist Office:

Comisión Nacional de Investigación Cientifica y Tecnológica (CONICYT), (Chilean Science Foundation) –

Fondo Nacional de Desarrollo Científico Tecnológico (FONDECYT)

Croatian Ministry of Science, Education and Sports

Czech Science Foundation

Dr. Hadwen Trust for Humane Research

Dunhill Medical Trust

Engineering and Physical Sciences Research Council (United Kingdom)

Estonian Research Council (ETAG)

Finland Distingushed Professor Programme (FiDi Pro)

Fondation Plan Alzheimer (France)

Fondazione Italiana Sclerosi Multipla (FISM)

Fonds de la Recherche Scientifique (FNRS) (Belgium)

Fonds zur Forderung de Wissenschaftlichen Forschung (Austrian Science Foundation)

Foundation for Polish Science

Guangdong-Hong Kong Technology Cooperation Funding Scheme (China)

Health Research Board Research Awards, HRB (Ireland)

Human Frontiers Science Program

Internationale Stichting Alzheimer Onderzolk

Israel Ministry of Science, Technology and Space

Israel Science Foundation

Le Studium Research Fellowship (Loire Valley, France)

Medical Research Council (United Kingdom)

National Centre for the Replacement, Refinement, and Reduction of Animals in Research (NC3Rs)

Impact (United Kingdom)

National Health and Medical Research Council (Australia)

National Medical Research Council (Singapore)

National Research Foundation (South Africa)

National Science Centre (Poland)

Nazarbayez University (Kazakhstan)

Netherlands Council for Medical Research GB-MW

Netherlands Organization for Health Research and Development (Zon Mw)

Neurological Foundation of New Zealand

Parkinson's Disease Society of the United Kingdom

Portuguese Fundação para a Ciência e a Tecnologia

Portuguese Society for Neuroscience

Santa Casa da Misericórdia de Lisboa, Santa Casa Neuroscience Awards

Society for Redox Biology and Medicine

Spanish Ministry of Health and Consumer's Affairs

Spanish Ministry of Science and Innovation

Spanish National Agency for Scientific Evaluation (ANEP)

Swiss National Science Foundation

Stichting voor Alzheimer Onderzoek (Belgium)

Telethon (Italy)

United States-Israel Binational Science Foundation

Università degli Studi di Milano

University of Aberdeen, Scotland

University of Concepción, Chile

Vrije Universiteit

Wellcome Trust (UK)

University based:

Case Western Reserve University, Cleveland

Geriatrics Care Centers, Pilot Projects

Leadership and Excellence in Alzheimer's Disease Award, Pilot Program

Presidential Research Initiative Grants

Presidential Technology Development Fund Grants

Summer Research Training in Aging for Medical Students

Vision Research Core Grant

City University of New York

College of Staten Island, City University of New York

Georgia Research Alliance Collaboration Planning Grants

Hunter College

Indiana University, Indianapolis

Johns Hopkins University, Baltimore

Northeastern Ohio University Research Challenge Grant:

Oak Ridge Associated Universities

Ohio University, Athens

Ohio University Research Committee

Old Dominion University

Oregon Health Sciences Center

Pennsylvania Performance Review

Universidad Arturo Prat

University of Arizona

University of California Davis

University of Coimbra, Coimbra, Portugal

University of Kentucky, Lexington Universitά degli Studi di Milano University of Texas, Brownsville

University of Texas Health Science Center at San Antonio

National Institutes of Health – San Antonio Claude D. Pepper Older Americans

National Institutes of Health – San Antonio Nathan Shock Aging Center University of Texas at San Antonio – Southwest Research Institute

University of Texas Medical Branch

UT Health Brain Initiative

University of Washington, Seattle

Corporate:

Apax Partners and Company:

Defined Health

Emerging Technology Partners L.L.C.

Forest Laboratories Medical Matters Group

Novartis Preclinical Expert Panel

Philip Morris External Research Program

Research Corporation: TA Miller Company

Takeda – American Scientific Advisory Panel

Advisory Boards:

1987, 1990 1988-1990 1988	Ohio Governor's Task Force on Alzheimer's Disease, Ad Hoc Member Scientific Advisory Board, Familial Alzheimer's Disease Research Foundation Scientific Advisor for Newsletter, Alzheimer Disease and Related Disorders Association, Cleveland Chapter
1992-1993,	·
1995-1996	Awards Committee, American Association of Neuropathologists Annual Meetings
1992-1996	Consultant, Molecular Geriatrics, Incorporated
1993-1994	International Scientific Advisory Committee, Fourth International Conference on Alzheimer's Disease and Related Disorders, Minneapolis, Minnesota
1996	Invited Nominator, 1997 Helmut Horten Research Award, Switzerland
1997-	Science Advisory Board
	Steering Committee 2011-
1998-2000	Consultant, Nymox Corporation, Montreal, Canada
1998-2000	Medical Advisory Board, Nymox Corporation, Montreal, Canada
1999-	Advisory Council, International Biographical Centre, Cambridge, England
1999-2000	Advisory Panel, International Congress of Neuropathology, Birmingham, England
1999-2000	International Advisory Board, Metals and Brain: From Neurochemistry to
	Neurodegeneration, Padova, Italy
2000-	Scientific Advisory Board, Institute for the Study of Aging, New York, New York
2000-2002	Scientific Advisory Board, Second International Conference on Metal and the Brain, Fez, Morocco
2000-2003	Scientific Advisory Board, Panacea Pharmaceuticals, Rockville, Maryland
2000-	Central Nervous System Panel, BOLT International
2000-2005	Scientific Advisor Board, Alzheimer's Foundation of the South
2000-	Alzheimer Award and Medal Selection Committee, Journal of Alzheimer's Disease, Chair and Founder
2001	External Advisory Panel, Program Project, University of Southern California
2001-	CNS Advisory Board, Takeda Pharmaceuticals
2001-2002	Consultant, Prion Development Laboratories, Buffalo Grove, Illinois
2001-2007	Chair, Scientific Advisory Board, Voyager Pharmaceutical Corporation
2002-2003	Advisory Board, Alzheimer Research Forum

	http://www.cl-forum.org/com/roc/dotail.com?id=9/7DAE7E6C7C_A7E2_4E6D_06DD_6DEECAE2E4AE9/7D
2002-2003	http://www.alzforum.org/com/res/detail.asp?id=%7BAF7F6C7C-A7F3-4E6D-96BB-6BF5FA53F1AE%7D Scientific Advisory Board, Third International Congress on Vascular Dementia, Praque, Czech Republic
2002	Vice-Chair, Scientific Advisory Board, World Events Forum, Chicago, Illinois
2002-2004	Scientific Program Committee, 9th International Conference on Alzheimer's Disease,
2002-2004	Philadelphia, Pennsylvania
2002-	Scientific Committee, The McCusker Foundation for Alzheimer's Disease Research, Perth,
2002-	Australia
2002-	
2002-	Scientific Advisory Board, Udall Center for Parkinson's Disease, University of Virginia,
2002	Charlottesville, Virginia
2002-	International Advisory Board, XI Symposium New Frontiers of Neurochemistry and
0000 0000	Neurophysics on Diagnosis and Treatment of Neurological Diseases, Firenze, Italy
2002-2003	Consulting Group Member, Challenging Views of Alzheimer's Disease – Round 2,
0000	Cincinnati, Ohio
2003	Advisory Board, H. Lundbeck A/S and Pharmexa, Denmark
2003-2005	Chair, Scientific Advisory Board, Molecular Cognition Incorporated, Chicago, Illinois
2003-	Advisory Board, Council of Healthcare Advisors
2003	Scientific Committee, International Conference in Biomedicine and Biotechnology
2004-2005	International Scientific Committee, Fourth International Congress on Vascular Dementia,
0004	Porto, Portugal
2004	Consultant, Dunn Group, New Jersey
2004-2009	Consultant, Vista's Society of Industry Leaders
2004-	Member, Faculty of 1000 Biology, Neurobiology of Disease and Regeneration section
0005	http://www.f1000biology.com/about/biography/7956451834408702
2005-	Member, Cornerstone Insights
2005-2006	Scientific Advisory Board, Alzheimer: 100 Years and Beyond, Tübingen, Germany
2006-2007	International Scientific Committee, Fifth International Congress on Vascular Dementia,
2006-	Budapest, Hungary Gerson Lehrman Group
2000-	Educator Program 2009-
2006-	Advisor, Scope: Journal of the University of Texas at San Antonio College of Sciences
2007-	Advisor, San Antonio-Small Animal Imaging Resource Working Group, The University of
2007	Texas Health Science Center at San Antonio
2007-	Scientific Journals International
2007-2008	Commission on Professionals in Science and Technology
2007-2000	Nominating Committee 2008-
2007-	Community of Science
2007	Abstract Review Committee, Society for Free Radical Biology and Medicine
2007-	Blue Chip Expert
2007-2008	Conference Committee, Current Hypothesis on Alzheimer's Disease, Viña del Mar, Chile
2007-	Anián Advisors, A Reuters Business
2007-	Sacoor Medical Group
2007-2008	Member of the Technical Organizing Committee of BioMonterrey 08
2008-	McKensey and Company, New York, New York
2008-	Neuroinnovation Limited, Santiago, Chile
2008-	Mind and Brain Institute, Santiago, Chile
2008-	International Center for Biomedicine, Santiago, Chile
2008-	Lifeboat Foundation, Minden, Nevada
	Neuroscience Board 2009-
	Manager, LinkedIn 2010-
	Manager, Facebook 2011-
	Diplomacy Board 2011
	Life Extension Board 2011-
	Lifeboat to the Stars, Judge 2012
2008-2009	Memory XL, Boston, Massachusetts
2008-2009	Sixth International Congress on Vascular Dementia, Barcelona, Spain
2009-	Campbell Alliance, Raleigh, North Carolina
2009-	Round Table Group, Washington, D.C.
2009-	Organizer, First International Meeting, Brain Club International, Smolenice, Slovak

Chief Science Officer 2016- Texas Alzheimer's Disease State Plan Partnership Strategic Plan 2009-2010 Implementation 2010- Collaborative Research Committee 2013- National Organization of Portuguese-Americans Advisory Council 2009- Board of Directors Chair, 2013- 2009- Institute of Integrative Omics and Applied Biotechnology (IIOAB), India Lifetime Association, Honorary Advisor Guidepoint Global InspiredOpinions.com (formerly Schlesinger Associates), Edison, New Jersey Limelight Technologies, San Antonio. Texas 2009-2010 Program Committee, Microscopy and Microanalysis 2010, Portland, Oregon BIT's 1 st Annual Neuro Talk 2010, Singapore Scientific Advisory Board 2010-2011 Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 Aria Neurosciences Scientific Advisory Board Member, 2010 Chair, 2011 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree Site Editor, Neuropathology Tree Site Editor, Reuropathology Tree Site Editor, Baylor College of Medicine Tree Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee Carlos III Health Institute, External Scientific Committee, ClBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Co-Chair, Implementation Plan 2012-2013 2011- Siemed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Webmed Communications Corporation, Parsipa	2009-2020	Republic Scientific Advisory Board, Alzheimer Research and Prevention Foundation, Tucson, Arizona
Collaborative Research Committee 2013- National Organization of Portuguese-Americans Advisory Council 2009- Board of Directors Chair, 2013- 2009- Institute of Integrative Omics and Applied Biotechnology (IIOAB), India Lifetime Association, Honorary Advisor 2009- 2009- 2009- 2009- 2009- 2009- 2009- 2009- 2010- 2011 Serie Technologies, San Antonio, Texas Program Committee, Microscopy and Microanalysis 2010, Portland, Oregon 2010-2011 Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 2010- 2011 Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 2010 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia 2010 Advisory Board, Academic Tree 2010 Site Editor, Neuropathology Tree 2010 Site Editor, Alzehiem's Tree 2010 Site Editor, Alzehiem's Tree 2010 Site Editor, Baylor College of Medicine Tree Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2011- Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2011- Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2011- Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2011- Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2011- New Medical Advisory Boord 2011 2011- Webmed Central Alzehiem's Foundation of America, New York,	2009-	Texas Alzheimer's Disease State Plan Partnership Strategic Plan 2009-2010
Lifetime Association, Honorary Advisor Guidepoint Global InspiredOpinions.com (formerly Schlesinger Associates), Edison, New Jersey Limelight Technologies, San Antonio, Texas Program Committee, Microscopy and Microanalysis 2010, Portland, Oregon BIT's 1st Annual NeuroTalk 2010, Singapore Scientific Advisory Board Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 Aria Neurosciences Scientific Advisory Board Member, 2010 Chair, 2011 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree Site Editor, Neuropathology Tree Site Editor, Neuropathology Tree Site Editor, Baylor College of Medicine Tree Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 Drug Targets, Panama 2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China	2009-	Collaborative Research Committee 2013- National Organization of Portuguese-Americans Advisory Council 2009- Board of Directors
2009- InspiredOpinions.com (formerly Schlesinger Associates), Edison, New Jersey Limelight Technologies, San Antonio, Texas Program Committee, Microscopy and Microanalysis 2010, Portland, Oregon BIT's 1st Annual NeuroTalk 2010. Singapore Scientific Advisory Board Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 Aria Neurosciences Scientific Advisory Board Member, 2010 Chair, 2011 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree Site Editor, Neuropathology Tree Site Editor, Neuropathology Tree Site Editor, Alzheimer's Tree Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee Chair, Research Subcommittee 2011-2013 Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2013 United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Lation Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China	2009-	
InspiredOpinions.com (formerly Schlesinger Associates), Edison, New Jersey Limelight Technologies, San Antonio, Texas	2009-	
Limelight Technologies, San Antonio, Texas Program Committee, Microscopy and Microanalysis 2010, Portland, Oregon BIT's 1st Annual NeuroTalk 2010, Singapore Scientific Advisory Board Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 Aria Neurosciences Scientific Advisory Board Member, 2010 Chair, 2011 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree Site Editor, Alzheimer's Tree Site Editor, Baylor College of Medicine Tree Site Editor, Baylor College of Medicine Tree Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee QS Global Academic Survey Reviewer 2011, 2012, 2013 Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-Q11-Q11-Q11-Q12-Q11-Q12-Q13-Q13-Q14-Q14-Q14-Q14-Q14-Q14-Q14-Q14-Q14-Q14		·
2009-2010 BIT's 1st Annual NeuroTalk 2010, Singapore Scientific Advisory Board Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 Aria NeuroTalk 2010, Singapore Scientific Advisory Board Aria Neurosciences Scientific Advisory Board Member, 2010 Chair, 2011 2010 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree Site Editor, Neuropathology Tree Site Editor, Reluro College of Medicine Tree Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Latino Institute of Care, National Advisory Member 2011 2011- Hatinum Institute of Care, National Advisory Member 2011 2011- Working Group on AD Scope of Work and Investment 2012-International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011- First World Congress of Small RNAs, Shenzhen, China		
2010-2011 2010-2012-2012		
Scientific Advisory Board 2010-2011 Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 Aria Neurosciences Scientific Advisory Board Member, 2010 Chair, 2011 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree Site Editor, Neuropathology Tree Site Editor, Neuropathology Tree Site Editor, Alzheimer's Tree Site Editor, Alzheimer's Tree Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China		
2010-2011 Seventh International Congress on Vascular Dementia, Riga, Latvia 2011 2010- Aria Neurosciences	2000 2010	
Aria Neurosciences Scientific Advisory Board Member, 2010 Chair, 2011 2010 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree 2010 Site Editor, Neuropathology Tree 2010 Site Editor, Baylor College of Medicine Tree 2010 2010 Site Editor, Baylor College of Medicine Tree 2010 2010 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee 2010 Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China	2010-2011	
Scientific Advisory Board Member, 2010 Chair, 2011 2010 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree 2010 Site Editor, Neuropathology Tree 2010 Site Editor, Reuropathology Tree 2010 Site Editor, Raylor College of Medicine Tree 2010-2011 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee 2010-2013 Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Webmed Central Webmed Central Uorking Group on AD Scope of Work and Investment 2012- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China		
Member, 2010 Chair, 2011 2010 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia 2010 Advisory Board, Academic Tree 2010 Site Editor, Neuropathology Tree 2010 Site Editor, Alzheimer's Tree 2010 Site Editor, Baylor College of Medicine Tree 2010 Site Editor, Baylor College of Medicine Tree 2010-2011 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee 2010-2013 Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Morking Group on AD Scope of Work and Investment 2012- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China		
Chair, 2011 Program Committee, Biological Data Mining and its Applications in Healthcare, Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree Site Editor, Neuropathology Tree Site Editor, Alzheimer's Tree Site Editor, Alzheimer's Tree Site Editor, Baylor College of Medicine Tree Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee QS Global Academic Survey Reviewer 2011, 2012, 2013 Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central United Mitochondrial Oscape of Work and Investment 2012- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China		
Tenth IEEE International Conference on Data Mining, Sydney, Australia Advisory Board, Academic Tree 2010 Site Editor, Neuropathology Tree 2010 Site Editor, Alzheimer's Tree 2010 Site Editor, Baylor College of Medicine Tree 2010 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee 2010-2011 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee 2010-2013 Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and 2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and 2011-QS Global Academic Survey 2012-QS Global Academic Survey 2013-QS Global Academic Survey 2014-QS Global Academic Survey 2015-QS Global Academic Survey 2016-QS Gl		Chair, 2011
2010 Site Editor, Neuropathology Tree 2010 Site Editor, Alzheimer's Tree 2010 Site Editor, Alzheimer's Tree 2010 Site Editor, Baylor College of Medicine Tree 2010-2011 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee 2010-2013 Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked 2010-2014 Cooperative Research Centers, Spain 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic 2011- QS Global Academic Survey 2011- Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee 2011- Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" 2011- Webmed Central 2011- Alzheimer's Foundation of America, New York, New York 2011- Medical Advisory Board 2011 2011- Latino Institute of Care, National Advisory Member 2011 2011- Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey 2011	2010	
2010 Site Editor, Alzheimer's Tree 2010-2011 Site Editor, Baylor College of Medicine Tree 2010-2011 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee 2010-2013 Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China	2010	
2010-2011 Site Editor, Baylor College of Medicine Tree 2010-2013 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China	2010	Site Editor, Neuropathology Tree
2010-2011 Program Committee, Microscopy and Microanalysis 2011, Nashville, Tennessee Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2010	
2010-2013 Carlos III Health Institute, External Scientific Committee, CIBERNED, Networked Cooperative Research Centers, Spain Chair, 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2010	Site Editor, Baylor College of Medicine Tree
Cooperative Research Centers, Spain Chair, 2011 2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2010-2011	
2010-2011 Second World Congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" 2011- Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey 2011- Integrated Communication of Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China	2010-2013	
Summit, Las Vegas, Nevada 2011 2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" 2011- Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China		Chair, 2011
2010-2011 Drug Discovery for Neurodegenerative Diseases: Neurochemical Complexes and Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" 2011- Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey 2011- Integrated Communications Corporation, Parsippany, New Jersey 2011- Integrated Communications Corporation on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2010-2011	
Drug Targets, Panama 2011 2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" 2011- Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey 2011- Integrated Communications Corporation, Parsippany, New Jersey 2011- Integrated Communications Corporation on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2010-2011	
2010-2011 Ninth International Workshop, Applied Category Theory Graph-Operad-Logic Local Organizing Committee 2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China		
2011- QS Global Academic Survey Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2010-2011	Ninth International Workshop, Applied Category Theory Graph-Operad-Logic
Reviewer 2011, 2012, 2013 2011- Biomed SA, Asset Initiative, Neuroscience Committee Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China	2011-	
Chair, Research Subcommittee 2011-2012 Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China		· · · · · · · · · · · · · · · · · · ·
Co-Chair, Implementation Plan 2012-2013 2011- United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central 2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2011-	
 United Mitochondrial Disease Foundation, "Mitochondrial Champion" Webmed Central Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China 		Chair, Research Subcommittee 2011-2012
2011- Webmed Central 2011- Alzheimer's Foundation of America, New York, New York		Co-Chair, Implementation Plan 2012-2013
2011- Alzheimer's Foundation of America, New York, New York Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2011-	United Mitochondrial Disease Foundation, "Mitochondrial Champion"
Medical Advisory Board 2011 Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China		Webmed Central
Latino Institute of Care, National Advisory Member 2011 Working Group on AD Scope of Work and Investment 2012- Integrated Communications Corporation, Parsippany, New Jersey International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China	2011-	
Working Group on AD Scope of Work and Investment 2012- 2011- Integrated Communications Corporation, Parsippany, New Jersey 2011- International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China		
2011- Integrated Communications Corporation, Parsippany, New Jersey 2011- International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China		
2011- International Conference and Exhibition on Pharmaceutical Regulatory Affairs, Baltimore, Maryland Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China		
Baltimore, Maryland Organizing Committee 2011 First World Congress of Small RNAs, Shenzhen, China		
Organizing Committee 2011 2011 First World Congress of Small RNAs, Shenzhen, China	2011-	· · · · · · · · · · · · · · · · · · ·
2011 First World Congress of Small RNAs, Shenzhen, China		
·	0044	
Program Committee	2011	
		Program Committee

2011-	Workgroup on Novel Conceptual Models of Dementia
2011-	ORCID Contributor
2011-	Alzheimer's Hope for a Cure LLC, Bainbridge, Ohio Board of Advisors
2011	Second Workshop on Biological Data Mining and its Applications in Healthcare, Eleventh IEEE International Conference on Data Mining, Vancouver, Canada 2011 Program Committee
2011- 2011	BIT's First Annual World Congress of Nano – S&T, Dalian, China World Congress on Pediatrics and Gynecology, Philadelphia, Pennsylvania 2011 Organizing Committee
2011	ManRos Therapeutics, Roscoff, France Scientific Advisory Board
2011-2012	PECCS 2012, Second International Conference on Pervasive and Embedded Computing and Communication Systems, Rome, Italy, 2012
2011-2012 2011-2012	Sixth World Congress on Controversies in Neurology (CONy), Vienna, Austria 2012 Third World Congress on Bioavailability and Bioequivalency, Hyberbad, India Organizing Committee
2011-2012 2011-	Seventh International Conference on Systems, ICONS 2012, Saint Gilles, Réunion Island IOS Press Amsterdam, Netherlands Strategic Advisor
2011-	Physician Nexus, San Jose, California Board of Advisors
2011-	Case Brain Health Collaborative, Cleveland, Ohio Advisory Member
2011-2012	International Conference and Exhibition on Addiction Research and Therapy, Las Vegas, Nevada, 2012
2011-2012	Third International Conference on Neurology, Kos Island, Greece, 2012
2011-2012	International Conference on Tissue Science and Engineering, San Francisco, California
2011- 2011-	Community of Interest of Global Environmental Standard, Weston, Australia Portuguese-American Historical and Research Foundation, Inc., Franklin, North Carolina Advisory Council
2011-	QS World University Rankings Reviewer 2011, 2012, 2013
2012	Nutricia, U.S. Souvenaid Advisory Board, Rockville, Maryland
2012	International Conference on Clinical Microbiology and Microbial Genomics, San Antonio, Texas, 2012
2012 2012	International Conference and Exhibition on Emerging Therapies, Chicago, Illinois International Conference and Exhibition on Addiction Research and Therapy, Las Vegas, Nevada, 2012
2012	International Conference on Regenerative and Functional Medicine, San Antonio, Texas, 2012
2012	Second World Congress on Cell Science and Stem Cell Research, San Antonio, Texas, 2012
2012	International Conference and Exhibition on Pharmacovigilance and Clinical Trials, Chicago, Illinois, 2012
2012-	Third Workshop on Biological Data Mining and its Applications in Healthcare, Twelfth IEEE International Conference on Data Mining, Brussels, Belgium 2012
2012-2013 2012-2013	Eighth International Congress on Vascular Dementia, Athens, Greece 2013 PECCS 2013, Third International Conference on Pervasive and Embedded Computing and Communication Systems, Barcelona, Spain, 2013
2012	International Conference on Central Nervous System – Drug Effects and Novel Drug Development, Philadelphia, PA
2012	Third World Congress on Biotechnology, Hyderabad, India
2012-	Prevention Alzheimer International Foundation
2012	First International Conference on Global Health Challenges, Global Health 2012, Venice, Italy, 2012
2012-	Omics Group Membership
2012-2013	Eighth International Conference on Systems, ICONS 2013, Seville, Spain
2012-	Functional Food Center, Denton, Texas

2012-2013 2012-2013	Seventh World Congress on Controversies in Neurology, Istanbul, Turkey, 2013 Second International Conference and Exhibition on Pathology, Chicago, Illinois, 2013
2012-2013	Second International Conference and Exhibition on Biometrics and Biostatistics, Chicago, Illinois, 2013
2012-2013	Second International Conference and Exhibition on Neurology and Therapeutics, Chicago, Illinois, 2013
2012-2013	Second International Conference and Exhibition on Emerging Cell Therapies, Raleigh, North Carolina, 2013
2012-2013	International Conference on Psychology, Autism and Alzheimer's Disease, San Antonio, Texas, 2013
2012-2013	14 th Research Centers in Minority Institutions International Symposium on Health Disparities, San Antonio, Texas (cancelled) Executive Council 2012-2013 Chair 2012-2013 Scientific Committee 2012-2013 Community Engagement 2012-2013 Local Host Planning Committee
2013	Second International Conference on Global Health Challenges, Global Health, 2013, Lisbon, Portugal, 2013
2013- 2013-	Fourth World Congress on Biotechnology, Raleigh, North Carolina, 2013 Second Workshop on Embedded and Ubiquitous, Jeju National University International Center, Jeju Island, Korea
2013	Fourth Workshop on Biological Data Mining and its Applications in Health Care, Thirtieth IEEE International Conference on Data Mining, Dallas, Texas, 2013
2013 2013	USAgainst Alzheimer's, Washington, DC, Researcher Network Exploring the Portuguese Diaspora in Interdisciplinary and Comparative Perspectives: An International Conference, Indianapolis, Indiana
2013	Scientific Committee, 2013 NCTA 2013, Fifth International Conference on Neural Computative Theory and Applications, Vilamoura, Portugal, 2013
2013	Neurotechnix 2013, International Congress on Neurotechnology, Electronics and Informatics, Vilamoura, Portugal, 2013
2013	NeuroConf 2013, Neurology and Neurosurgery Conference, Sanya, China, 2013
2013-2014	Eighth World Congress on Controversies in Neurology, Berlin, Germany, 2014
2013-2014	PECCS 2014, Fourth International Conference on Pervasive and Embedded Computing and Communication Systems, Lisbon, Portugal, 2014
2013-2014	International Conference on Women's Health, Gynecology and Obstetrics, Chicago, Illinois, 2014
2013-2014 2013-2014	XVIII International Congress of Neuropathology, Rio de Janeiro, Brazil, 2014 Second International Conference on Alzheimer's Disease and Dementia, Valencia, Spain, 2014
2013-	Evise Development Community, Elsevier, Amsterdam, Netherlands
2013-	Ambassador, ORCID 2013-
2013-2015	Ninth International Congress on Vascular Dementia, Paris, France, 2015
2013-	Fourth International Conference on Biochemistry and Medical Chemistry, Paris, France, 2013
2013-	ExxonMobil Texas Science and Engineering Fair Advisory Board Member 2013-
2013	International Summit on Clinical Pharmacy and Dispensing, San Antonio, Texas 2013
2013-	NeuroBiotech Pharma, Inc., Deerfield Beach, Florida Medical Advisory Committee 2013-
2013-2014	Third International Conference on Global Health Challenges, Global Health 2014, Rome, Italy, 2014
2013-2014	NIMHD (formerly)International Symposium on Minority Health and Health Disparities, Washington DC, 2014 Abstract Reviewer 2014 Program Planning Committee 2014 Moderator, Meet the Expert 2014

2014-	Stop Alzheimer's Corporation, Homestead, Florida
0044	Founder and Director
2014	Second International Conference on Integrative Biology Summit, Chicago, Illinois, 2014
2014	Second International Conference on Genomics and Pharmacogenomics, Raleigh, North Carolina, 2014
2014	Second International Summit on Clinical Pharmacology, San Francisco, California, 2014
2014	Neurotechnix, 2014, Second International Conference on Neurotechnology, Electronical
	Informatics, Rome, Italy, 2014
2014	International Program Committee of the 2014 International Conference on Biology and
2014	Biomedical Engineering, Venice, Italy, 2014 International Program Committee of the 2014 International Conference on Biology and
2014	Biomedicine Prague, Czech Republic, 2014
2014	Fourth International Conference of Ambient Computing, Applications, Services, and Technologies, Ambient 2014, Rome, Italy, 2014
2014-	Impactstory
2014	Ninth International Conference on Systems, ICONS 2014, Nice, France 2014
2014	Fifth Workshop on Biological Data Mining and its Applications in Healthcare, ICDM 2014, Shenzhen, China, 2014
2014	Third Embedded and Ubiquitous 2014, Jeju Island, Korea, 2014
2014-2015	PECCS 2015 Fifth International Conference on Pervasive and Embedded Computing and
2014-2015	Communication Systems, Loire Valley, France 2015.
2014-2015	ICONS 2015, Tenth International Conference of Systems, Barcelona, Spain, 2015
2014-2015	Ninth World Congress on Controversies in Neurology (CONy), Budapest, Hungary, 2015
2014-2015	ACT-AD, Accelerate Cure/Treatments for Alzheimer's Disease
2014-	Scientific Advisory Board
2014-	Seventh Center International Conference on Functional Foods, San Diego, California,
2014-	Second International Conference on Genomics and Pharmacogenomics, Raleigh, North
2014-	Carolina, 2014
2014	Lieberman Research Worldwide, Los Angeles, California
2014	ICBEB2014, Third International Conference on Biomedical Engineering and
2014	Biotechnology, Beijing, China, 2014
2014	System Analytic, London, England, Advisor
2014-	Asian Council of Science Editors, Deira Dubai, United Arab Emirates
2014-2015	Conference on Advances in Evidence-Based Medicine, Suzhou, China, 2015
2014-2015	International Conference on Biological Information and Engineering CICBIE, 2015
2014-2015	Second International Conference on Gynecology and Obstetrics, San Antonio, Texas,
	2015
2014-	Nebulab Technologies, Incorporated, San Antonio, Texas
2014-2015	International Congress on Vascular Dementia (ICVD), Ljubljana, Slovenia, 2015
2014-2015	Neurological Disorders Summit, San Francisco, California, 2015
2014-2015	Second International Conference on Health Informatics and Technology, Valencia, Spain, 2015
2014-2015	Neurotechnix 2015, Third International Congress on Neurotechnology, Electronics
	And Informatics, Lisbon, Portugal, 2015
2015-	JoVE Product Advisory Board, Cambridge, Massachusetts
2015	Global Pharma Summit, Philadelphia, Pennsylvania, 2015
2015	CENICS 2015, Eighth International Conference on Advances in Circuits, Electronics
0045	And Micro-electronics, Venice, Italy, 2015
2015	Sixth Workshop on Biological Data Mining and its Applications in Healthcare, ICDM 2015,
0045	Atlantic City, New Jersey 2015
2015-	Faculty Row
2015-2016	Nanotech 2016, Global Nanotechnology Conference and Expo, Dubai, United Arab
2045 2042	Emirates 2016
2015-2016	ICONS 2016, Eleventh International Conference on Systems, Lisbon, Portugal, 2016
2015-2016	EMBEDDED 2016, International Symposium on Advances in Embedded Systems and
0045 0040	Applications, Lisbon, Portugal 2016
2015-2016	Tenth World Congress on Contraversies in Neurology (CONy), Lisbon, Portugal, 2016
2015-	Academic.edu, Editor
2015-	Scientific Committee, First International Online Biomedical Conference, 2015

2015	18 th International Conference of Functional Foods Center, Harvard Medical, Boston,
2015	Massachusetts, 2015 First International Workshop on Power Devices and Components, Jeju Island, Korea,
2015	2015 World Bio Summit and Expo, Dubai, United Arab Emirates, 2015
2015	Global Pharma Summit 2015, Philadelphia, Pennysylvania, 2015
2015	
	Neurological Disorders Summit, United Scientific Group, San Francisco, California, 2015
2015-2016	Fourth Global Experts Meeting on Neuropharmacology, San Antonio, Texas, 2016
2015-2016	SPCS 2016, International Conference on Signal Processing and Communication
	Systems, Lisbon, Portugal, 2016
2015-2016	Second International Conference and Expo onDrug Discovery and Designing,
	Istanbul, Turkey, 2016
2015-2016	Ninth International Conference on Advances in Circuits, Electronics and Micro-electronics
	(CENICS 2016), Nice, France, 2016
2015-2016	Improving Human Relevance in Alzheimer Research, Physicians Committee
	For Responsible Medicine, Washington, DC, 2016
2015-2016	Second Neurological Disorders Summit, NDS-2016, Baltimore, Maryland, 2016
2015-2016	Seventh Global Neurologists Annual Meeting on Neurology and Neurosurgery, Vienna,
	Austria, 2016
2015-2016	Global Congress & Expo on Material Science and Nanoscience, Material Science 2016,
2010 2010	Dubai, UAE 2016
2015-2016	Global Nanotechnology Congress and Expo, Dubai, UAE 2016
2015-2016	World Congress on Nursing & Healthcare, Dubai, UAE 2016
2016	International Engineering and Technology Institute
2010	Co-Chair, Executive Committee
2016	Universal Scientific Education and Research Network (USERN) Congress Board,
2010	
2016	Tehran, Iran 2016
2016	National Research Mentoring Network; Research Resources and Outreach Core
0040	External Advisory Board 2016-
2016-	Queen Sofia International Award for Research in Neurodegeneration
0040	Chair, Selection Committee
2016	Texas FreshAir Neuroscience Meeting, Austin, Texas, 2016
00.40	Program Committee
2016-	Neuro EM Therapeutics, Phoenix, Arizona
00.40	Scientific Advisory Board
2016-	Academic Leadership Forum
2016-	World Congress and Expo on Dementia and Neuroscience, Los Angeles, 2016
2016	JangoBio, LLC, Madison, Wisconsin
	Advisory Board
2016-	Universal Scientific Education and Research Network (USERN) Prize, 2016, 2017
2016	International Conference on Bipolar Disorders 2016, Sao Paulo, Brazil, 2016
2016	International Conference of Molecular Evolution, Bangkok, Thailand, 2016
2016	Institute Pasteur International Network
	Abstract Reviewer
2016	Tenth World Congress on Neurology and Therapeutics, London, England, 2016
2016	International Conference on Aging, Las Vegas, Nevada, 2016
2016	Annual Conference on Bioscience, Berlin, Germany, 2016
2016	International Conference on Novel Approaches in Agriculture and Life Sciences, Tbilisi,
	Georgia, 2016
2016	Second World Bio Summit and Expo, Dubai, UAE, 2016
2016	International Conference on Medicine, Public Health and Biological Science, Chair,
	Tehran, Iran, 2016
2016	Ninth Global Neuroscience Conference, Melbourne, Australia, 2016
2016	Fourth World Congress on Geriatrics & Gerontology-2016, Bangalore, India 2016
2016	Bioavailability & Bioequivalence, BABE 2016, Atlanta, Georgia, USA 2016
2016-	Senior Patient and Family Caregiver Network, Alliance for Aging Research, Washington,
ZU 1U-	DC
2016-	XPRIZE Foundation, Culver City, California
20 IU-	Development of prize in Alzheimer disease
	Development of prize in Alzheimer disease

	2016-2017 2016-2017	Eleventh World Congress on Controversies in Neurology (CONy), Athens, Greece, 2017 Twenty First International Conference and Expo on Functional Foods, San Diego,
		California, 2017
	2016-2017	World Congress and Expo on Biotechnology and Bioengineering, Dubai, UAE, 2017
	2016-2017	ICONS 2017, Twelfth International Conference of Systems, Venice, Italy, 2017
	2016-2017	Eleventh World Congress on Neurology and Therapeutics, Madrid, Spain, 2017
	2016-2017	Tenth International Congress on Vascular Dementia, Gdansk, Poland, 2017
	2016-2017	Sixth International Conference on Vascular Dementia, Amsterdam, Netherlands, 2017
	2016-2017	Eleventh World Congress on Pharmaceutical Sciences and Innovations in Pharma Industry, Pharmaceutical Sciences 2017, Amsterdam, Netherlands 2017
	2016-2017	Eleventh International Conference on Pharmacoepidemiology and Clinical Research, Kuala Lumpar, Malaysia 2017
	2016-2017	Eighth International Conference on Proteomics and Bioinformatics, Proteomics 2017, Osaka, Japan 2017
	2016-2017	Eighteenth European Diabetes Congress, Euro Diabetes 2017, Lisbon, Portugal 2017
	2016-2017	Fourth International Conference on Mobile and Wireless Technology, ICMWT2017, Kuala Lumpur, Malaysia 2017
	2016-2017	Fourth International Conference on Neurodegenerative disorders and Stroke, Brain
		Stroke 2017, Frankfurt, Germany 2017
	2016-2017	International Conference on Diabetes, Nutrition, Metabolism & Medicare, Diabetes
		Conference 2017, Vancouver, Canada 2017
	2016-2017	Fourth Annual Congress on Drug Discover & Designing, Bangkok, Thailand 2017
	2016-2017	International Conference on Neurology and Brain Disorders, Neurology Conference, Valencia, Spain 2017
	2017	Second International Conference on Engineering and Technology Innovations, Kunming, China 2017
	2017	World Congress on Medical and Pharmaceutical Research, Beijing China 2017
	2017-	Conselho Consultivo Secção Consular da Embaixada de Portugal, Washington DC
	2017-2018	Twelfth World Congress on Controversies in Neurology (CONy), Warsaw, Poland, 2018
	2017	Aging and Neurodegenerative Diseases Symposium of Texas, University of Texas at San Antonio, Co-chair, 2017
	2017-	Professional Biomedical Editing Services, Quebec City, Canada
	2017-2018	Functional Foods and Bioactive Compounds in Health and Disease: Science and Practice, San Diego, California, 2018
	2017-2018	Functional Foods and Chronic Diseases: Science and Practice, Harvard Medical, Boston, Massachusetts, 2018
	2018-	InvestAcure, New York, New York
Directo		
	2008-	Board of Directors, Neurotez, Incorporated, Bridgewater, New Jersey
	2011-	Chief Scientific Officer, Neurotez Incorporated, Bridgewater, New Jersey
	2012-2018	Board of Trustees, Mind Science Foundation, San Antonio, Texas
		Development Committee 2013-
	0040	Science Committee 2013-
	2013-	Chair, Board of Directors, National Organization of Portuguese Americans
	2014-	Board of Directors, Stop Alzheimer's Corporation, Homestead, Florida
	2016-	Chief Science Officer, Alzheimer Research and Prevention Foundation, Tucson, Arizona
	2017-	Board of Directors, Neurotrope, New York, New York

Award Nominator (Successful)

Mark A. Smith	
1995, 1996	American Health Assistance Foundation (AHAF), Ruth Salta Junior Investigator
	Achievement Award [only two-time awardee]
1995-1997	American Philosophical Society Fellowship
1997	Center for Professional Ethics Fellowship
1997	International Society for Neurochemistry, Young Scientist Lectureship Award
1997	The Gerontological Society of America, Nathan Shock New Investigator Award
2000	American Society for Neurochemistry, Jordi Folch-Pi Award

	2002 2009 2011	HNE Society, Hermann-Esterbauer Award American Association for the Advancement of Science, Fellow American Society for Investigative Pathology, Outstanding Investigator Award
William	Fickinger 2003	American Association of University Professors, Ohio Chapter, Kennedy Award
Michael	E. Lamm 2004	American Society for Investigative Pathology, Gold Headed Cane Award
Jesús A	vila 2004 2014	King Juan Carlos and Queen Sofia of Spain, <i>Ramon y Cajal</i> Medal European Dana Alliance for Brain Initiatives
Miguel .	losé Yacamán 2008	American Association for the Advancement of Science, Fellow
Paula I.	Moreira 2008	Medalhas de Honra L'Oréal Portugal para as Mulheres na Ciência
Manuel	P. Berriozábal 2009	American Association for Cell Biology, Bruce Alberts Award for Excellence in Science Education
C. Maul	i Agrawal 2010 2016	Biomed SA, Julio Palmaz Award American Association for the Advancement of Science, Fellow
A. Claud	dio Cuello 2010	Order of Canada
Pierluigi	Gambetti 2011	American Association for the Advancement of Science, Fellow
Jerry Sil	ver 2011	American Association for the Advancement of Science, Fellow
William	Gunning 2011	Microscopy Society of America, Fellow
Leroy H	ood 2011	Biomed SA, Julio Palmaz Award
Andrew	Tsin 2011	Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (Presented by President Obama)
	2011 2012 2014	American Association for the Advancement of Science, Fellow Royal Society of Biology, Fellow American Association for the Advancement of Science, Mentor Award
Charles	Wilson 2012	Dana Foundation for Brain Initiatives
BR Brin	kley 2014	E.B Wilson Medal, American Society for Cell Biology
Franciso	co Gonzalez-Lim 2014	a Texas Academy of Sciences, Distinguished Texas Scientist

Bernard P. Arulanandan

2015 America Association for the Advancement of Science, Fellow

Jagannatha Rao

2016 Royal Society of Chemistry, Fellow

Ronald DePinho

2016 Academia das Ciências de Lisboa

Bert W. O'Malley

2017 Texas Academy of Science, Distinguished Texas Scientist

Robert B. Petersen

2019 American Association for the Advancement of Science, Fellow

External Reviewer for Promotions and Appointments:

Academia Sinica (Taiwan); American University of Madaba (Jordan); Boston University; Brown University; Case Western Reserve University; Centro de Investigación de Estudios Avenzados de IPN (Mexico); Cleveland Clinic Foundation; Cornell Medical College; Dartmouth College; Emory University; Florida Atlantic University: Georgetown University: Harvard University: Houston Methodist Research Institute: Indiana University: Institute for Basic Research in Developmental Disabilities, Johns Hopkins University; Keele University: Kent State University, King's College London, Lancaster University; Liberty University; Loyola University Medical Center; Medical College of Georgia; Medical College of South Carolina; Missouri University of Science and Technology; Mount Sinai School of Medicine; National University of Singapore; New York State Institute for Basic Research in Developmental Disability; New York University; National Institutes of Health Study Section; Northwestern University; Order of Canada; Oregon Health and Science University; Pennsylvania State Medical School; Singapore Institute of Technology; Stanford University; Texas A&M Health Science Center; University of California, Irvine; University of California, Los Angeles; University of California, San Diego; The Commonwealth Medical College; University of Buffalo; University of California, Santa Barbara; University of Cambridge, University of Houston, University of Illinois at Chicago, University of Kentucky, Lexington; University of Louisville School of Medicine, Kentucky; University of Maryland, Baltimore; University of North Dakota; University of Pennsylvania; University of Pittsburgh; University of Shayah (United Arab Emirates), University of South Florida: University of Southern California; University of Texas at Brownsville: University of Texas Health Science Center; University of Texas Medical Branch; University of Texas Rio Grande Valley; University of Toronto; University of Washington; University of Western Australia; University of Wisconsin, Madison: Vanderbilt University; Virginia Comonwealth University; Wake Forest University; University of Western Ontario, Yeshiva University (Albert Einstein College of Medicine); Zhejiang University

Editorial Work:

Lditore	hine:
Editors	เมเมอ.

1993 1994-1995	Guest Editor for Clinical Neuroscience issue: Alzheimer's Disease (Volume 1, issue 4) Biomedical Journal
1994-2000	Associate Editor (Section editor for Neuropathology), American Journal of Pathology
1998-	Editor-in-Chief, Journal of Alzheimer's Disease
	http://www.j-alz.com/about/publications.html#perry
2001-2002	Managing editor for Frontiers in Bioscience (with Mark A. Smith): Alzheimer's disease
	(Volume 7)
2002	Guest Editor for Free Radicals in Biology and Medicine Forum (with Mark A. Smith and William A. Pryor): Causes and Consequences of Oxidative Stress in Alzheimer's Disease
	(Volume 32, issue 11)
2002	Guest Editor for Neurosignals (with Mark A. Smith and Xiongwei Zhu): Alzheimer Disease
	(Volume 11, issue 5)
2002-	Senior Associate Editor (Biological Sciences), Microscopy Research and Technique
2003-	Associate Editor, Current Alzheimer Research

2004 Guest Editor for Acta Neurobiologiae Experimentalis (with Mark A. Smith and Xiongwei Zhu): Alzheimer's Disease (Volume 64, issue 1) 2004-2005 Guest Editor for Brain Pathology (with Rudy J. Castellani, Paula I. Moreira, and Mark A. Smith): Amyloid-β: A Multifaceted Protein, Parts I and II (Volume 14, issue 4, 2004 and Volume 15, issue 1, 2005) 2005 Guest Editor for International Journal of Experimental Pathology (with Mark A. Smith): Role of Amyloid-β in Alzheimer Disease (Volume 86, issue 3) 2005 Guest Editor for Microscopy Research & Technique (with Mark A. Smith): Fibril Imaging in Alzheimer Disease (Volume 67, issue 3-4) 2005 Guest Editor for Current Alzheimer Research (with Mark A. Smith and Jagannatha Rao): Apoptotic Mechanism in Neurodegenerative Diseases (Volume 3, issue 4) 2006 Guest Editor for Journal of Biomedicine and Biotechnology (with Xiongwei Zhu and Mark A. Smith): Neurodegenerative Diseases: Mechanisms and Therapies 2008-2017 Associate Editor, Therapeutic Advances in Neurological Disorders 2009-2016 Associate Editor, Therapeutic Advances in Chronic Diseases Founding Editor, Journal of Parkinson's Disease 2006-2014-Book Review Editor, Current Medicinal Chemistry

> Section Editor, Alzheimer's Disease, US Neurology Regional Editor, Current Medicinal Chemistry

Editorial Boards:

2007-2017

2015-

2016-

1000 2012	American Journal of Datheless
1992-2013	American Journal of Pathology
1994-	Alzheimer Disease and Associated Disorders
1995-1998	Alzheimer's Disease Review
1997-1999	Journal of Neuropathology and Experimental Neurology
1997-1999	Molecular and Chemical Neuropathology
1997-	Journal of Alzheimer's Disease
1998-2006	Journal of Neural Transmission
1998-	Investigational Drugs Journal
1999-	Brain Pathology
1999-2001	Journal of Molecular Neuroscience
2000	Research Signpost (Neurochemistry)
2000-	Antioxidants and Redox Signaling
2000-2006	Laboratory Investigation
2002-	Brain Research
2002-	Microscopy Research and Technique
2002-	Current Medicinal Chemistry
2003-	Journal of Biomedicine and Biotechnology
2003-	Neurobiology of Lipids
2003	Pharmaceutical Development and Regulation
2003-	Pathology
2003-2006	Journal of Pediatric Neurology
2003-2005	Medicinal Chemistry Reviews - Online
2003-	Current Alzheimer Research
2003-2011	NeuroSignals
2003-2016	Disease Markers
2004-	Medicinal Chemistry
2004-2018	Neurobiology of Disease
2004-	Letters in Drug Design and Discovery
2004-	Expert Review of Neurotherapeutics
2005-	Mini-Reviews in Medicinal Chemistry
2005-	Future Neurology
2006-	Brain Research Reviews
2007-2012	Journal of Biological Chemistry
2007-	Journal of Clinical Pathology
2007-2015	Molecular Neurodegeneration
2007 2017	Fig D dia - I. Dia la sur O. Maraliaira

Free Radical Biology & Medicine

2007-Mitochondrion 2008-2009 U.S. Neurological Review 2008-2010 Marine Drugs 2008-2017 Therapeutic Advances in Neurological Disorders 2009-Alzheimer and Dementia 2009-2016 Health 2007-International Journal of Knowledge Discovery in Bioinformatic 2009-BenSci 2009-U.S. Neurology 2009-2016 Therapeutic Advances in Chronic Diseases Journal of Huntington's Disease 2012-F1000 Research 2012-Journal of Functional Foods in Health and Disease 2012-2012-PeerJ Molecular Biology 2012-

Teaching Experience:

2018-

University Based:

University of California at San Diego:

Undergraduate:

Oceanography, Scripps Institution of Oceanography, Teaching Assistant, 1977

Stanford University:

Undergraduate:

Developmental Biology, Teaching Assistant, 1978-1979

Graduate:

Developmental Biology, Teaching Assistant, 1978

Chinese Journal of Alzheimer's Disease and Related Disorders

Case Western Reserve University:

High School:

Shaker Heights High School Independent Study Coordinator, 1992 Minority High School Research Apprentice Program, 1995-1996

Undergraduate:

Pathology 390, Undergraduate Research in Cancer, Immunology or Pathology, 1982-

Health Careers Enhancement Program for Minorities, 1992-2005

Summer Program in Undergraduate Research (SPUR), 1998-1994, 2000

Pre-Medical American Medical Student Association Research Opportunities Fair 1997 (Pathology Representative)

Graduate (Doctoral Level):

Pathology 410, Aging and the Nervous System, 1985-

Pathology 415, Cytoskeleton and Disease, 1987-1994

Pathology 444, Neurodegenerative diseases: pathological, cellular and molecular perspectives, 1998-

Pathology 516, Experimental Pathology, 1985-1993

Graduate Committee, Department of Pathology, Member 1994-1995

Outreach Seminar Program, Basic Scientist Training Program, 1988-

Neurodegenerative Disease Mini-Course, 2000-

24th Graduate Student Symposium, Awards Committee, 2001

25th Graduate Student Symposium, Awards Committee, 2002

Research ShowCASE, Graduate Student Poster Judge, 2003

Biological Basis of Disease (I), Histopathology, 2004 Pathology 421, Electron Microscopy in Medicine, 2004-

Medical:

Cytoskeleton Pathology, Flexible program, 1982-1994
Aging and the Nervous System, Flexible program, 1985Common Neurodegenerative Disease (co-sponsored with Rajesh Kalaria), Flexible program, 1992-1995
Geriatrics Concentration, Flexible program member, 1984-1987

Geriatrics Concentration, Flexible program member, 1984-1987 Tissue Biology, Core Curriculum, Laboratory Instructor, 1984-1986 Nervous System/Mind Committee, Core Curriculum, 1987-1994, 1995 Basic Science Faculty Mentoring Program, 1996

University of Texas at San Antonio:

Minority Biomedical Research Support – Research Initiative in Science Enhancement (MBRS-RISE) Mentor, 2007-2010

BIO 7573.001, Theory and Practice of Electron Microscopy: Application for Tissue and Material Analysis (co-taught with Gjumrakch Aliev), 2007

BIO 7572.002, Cytoskeleton and Disease, 2008

BIO 7572.003, Aging and the Nervous System, 2008

BIO 1404, Honors Biosciences I (co-taught with David Senseman) 2009

BIO 3433, Neurobiology, Guest Lecture 2008

BIO 3613, Biology of Aging, Guest Lecture 2011

MS Thesis Committees: Robert Schiavone, Pathology, CWRU, 1995; Peggy Richey, Pathology, CWRU, chair, 1996; Marta Taddeo, Pathology, CWRU, chair, 2003; Tianbing Liu, Pathology, CWRU, 2003; Justin Shenk, Biology, UTSA, Chair, 2008; Taizo Kitahara, Chemistry, UTSA, 2011; Carlos Cardenas, Computer Science (Examination), UTSA, 2013

PhD Thesis Committees: Diane Krill, Biology, CWRU, 1987; Jerrold Turner, Pathology, CWRU, 1990; Soriba Cisse, Biological Sciences, University of Montreal, Canada, 1991; Ahmet Höke, Neuroscience, CWRU, Chair, 1994; Darja Praprotnik, Pathology, University of Ljubljana, Slovenia, 1994; Michael Pollanen, Neuroscience, University of Toronto, Canada, 1995; David DeWitt, Neuroscience, CWRU, Advisor, 1996; Sic Lung Chan, Microbiology and Immunology, McGill University, 1997; Ganesamoorthy Subbanagounder, Chemistry, CWRU, 1997; I-Mei Siu, Pathology, CWRU, 1998; Mahmoud Rezek Hussein, Pathology, CWRU, 2001; Xiongwei Zhu, Pathology, CWRU, Chair, 2002; Ya Ke, Pathology, CWRU, Gemma Casadesus, Tufts University, 2003; Hasmik Vahradyan, Institute of Biochemistry, Yerevan, 2004; Quan Liu, Pathology, CWRU, Advisor, 2005; Arun K. Raina, Pathology, CWRU, 2005; Hyoung-gon Lee, Pathology, CWRU, 2005; Xie Ling, Surgery, University of Western Australia, 2003; Kate M. Webber, Pathology, CWRU, 2007; Paula Isabel da Silva Moreira, Cellular Neuroscience, University of Coimbra, Portugual (Supervisor), 2007, with honors; Jiawei Chen, Cell Biology, CWRU, 2007; Sandra Isabel Moreira Pinto Vieira Guerra e Paz, Biology, Universidade de Aveiro, Portugal, 2006; Gerald Veunink, Surgery, University of Western Australia, 2009; Anna Barronn, Surgery, University of Western Australia, 2009; Yi Fan, CWRU, 2009; Xinglong Wang, Pathology, CWRU, 2008; Angela M. Boley, Biology, UTSA, 2013; C. Siddhartha Mondragón-Rodriguez, Centro de Investigación y de Estudios Avanzados del IPN, Mexico, 2009; Hamid Reza Sohrabi, University of Western Australia, 2010; Smt. Jyothi Makka, Acharya Nagarjuna University, India, 2010; Onue Li Min, National University of Singapore, 2011; Olivia Wise-Scira, Chemistry, UTSA, 2014; Kathryn Cimdins, University of Melbourne, Australia, 2012; Sónia Catarina de Sousa Correia, Cellular Neuroscience, University of Coimbra, Portugal, 2012, with honors; Gebremariam Ketema Bezabih, Andhra University, India, 2013; Ong Qi Rui, National University of Singapore, 2013; Teial Madhukar Shah, University of Western Australia, 2013; Avdesh Avdesh, Edith Cowan University, Australia, 2013; Adam Peter Gunn, University of Melbourne, 2014; Shaun Frost, University of Western Australia, 2013; Balaram Kuinar Kommana, Andhra University, India, 2014; Rhona Creegan, Edith Cowan University, 2014; Pratishtha Chatterjee, University of Western Australia, 2014; Samantha Gardner, Edith Cowan University, Australia, 2014;

Andrea Renee Kelley, Chemistry, UTSA, Chair, 2017; Nalina Kanta Sahoo, Siksha 'O' Anusandhan University, India, 2015; Torbjörn Persson, Karolinska Institutet, 2015; John Kinsey, Environmental Science and Engineering, UTSA; Apsara, Andhra University, India, 2015; Beda Durga Prasad, Andhra University, India, 2016; Bono Naga Sudha, Andhra University, India, 2016; Rafael J. Veraza, Translational Medicine, University of Texas; Nasroallah Moradi Kor, Semnan University, India; Pasupuleti Amita Carolina Martin, GITAM University, India; Roberto Rodriguez, Physics, UTSA; Nick Sanchez, Loma Linda University; S. Udhayavani, Andhra University, India, 2017; Vijaya Rao Pidugu, Acharya Nagarjuna University, India, 2017; Johart L. Lakey Beitia, Acharya Nagarjuna University, India, 2018; Vemula Vijayasree, Andhra University, India, 2018; Sri N.V.S. Viswandha Murthy M., Andhra University, India, 2018.

Undergraduate Students:

Case Western Reserve University:

Stacie Colman, Spring and Summer 1983; "Buzz" Barnett, Spring 1983; Brian Taylor, 1984-1985, obtained independent funding from the American Foundation for Aging Research; Dong Hui Kang, 1985-1988; Marlene Miller, Summer 1986; David Pulliam, 1986; Hal Padget, Summer 1987; Madhu Kancherla, Summer 1988; Demaree Inglese, Spring 1988; Janie Yen, Summer 1988; Magdalena Mijares, 1988-1990, LaSalle University, Mexico; Roy Kim, Summer 1989, Brown University; Stephanie Fannin, Summer 1989; Jennifer Vande Weghe, Summer 1990; Michael Stanik, Summer 1990; Patricia Gollin, Summer 1991; Susan Miljkovic, Summer 1991; Kara Kytle, Summer 1992; Jody Barnett, Summer 1992; Lynn Jaskie, 1992-1993; Colleen Dunbar, Summer 1993; Kirsten Hassel, 1993; Catherine McCann, 1993; Robert Rifenburg, 1993-1994; Camille Moukwa, Summer 1996 (Minority High School Student); Nicole Mercurio, 1996; Edward Kim, 1997; Dawn Zelasko, 1997-1998; Mayank Kansal, 1997; Kathryn A. Schubert, 1997-1999; Matt Kaminski, 1998-99; Arun Raina, 1998-2000; Damien Carrel, Summer 1999; Adam Cash, 1999-2002; Parag Aggarwal, 2000-2001; Saqib Ali, Summer 2000; Serban Nicolaescu, 2000-2001; Christina Pamies, Summer 2000 (Beaumont High School Student); Meaghan Combs, Summer 2000 (Howard Hughes Fellow); Janicelynn Asamoto, Summer 2001 (High School Student); Ravi Srinivas, 2001-2002; Nick Pesa, 2001-2002; Carl Peterson, 2003-2004; Caleb Rosenberg-Szubski, Summer 2003 (High School Student); Priyesh Mehta, 2003; Walter Sanders, 2003; Iyesha Forna, 2004-2005; Dae Capobianco, 2005

University of Texas at San Antonio:

Carina Dudas, 2008; Best Anyama, 2008; Timothy A. Clark, 2009-2010; Abdiel Alvarado (Universidad Autónoma de Nuevo León), 2010; R. Kilian Schafer, 2011; Jessica Briscoe 2011-2012; Kristie Smith, 2013-2014; David Fields, 2015; Charles Daniel Hammack 2015-2016; Richard Nguyen 2017-2018

Graduate Students:

Trained and current positions:

Patrick Cras (Ph.D.), 1992, Professor and Chief of Staff of Neurology, University of Antwerp Darja Praprotnik (Ph.D), M.D., 1995, Clinical Pathology, Blanchard Valley Hospital, Findlay, Ohio

David DeWitt (Ph.D.), 1996, Professor and Chair of Biology and Chemistry and Associate Director, Center for Creation Studies, Liberty University, Lynchburg, Virginia; Adjunct Graduate Faculty, Institute for Creation Research, Santee, California Robert Russell (M.A.), 1998-1999, Geriatrics Fellow, St. Louis University, St. Louis, Missouri Marta Taddeo (M.S.), 2001-2003, Instructor, College of Mount St. Vincent, Riverdale, New

Quan Liu (Ph.D.), 2001-2005, Dental School Student, University of Pennsylvania, Philadelphia

Ya Ke (Ph.D.), 2002-2004

Paula I. Moreira (Ph.D.), 2004-2007, Assistant Professor, Center for Neuroscience and Cell Biology, University of Coimbra, Portugal

Marcela Sjöberg (Ph.D.), 2005, Postdoctoral Fellow, London, England

Yi Fan (Ph.D.), 2007-

Sónia Catarina de Sousa Correia (Ph.D.), 2009-2012

Postdoctoral Fellow, Center for Neuroscience and Cell Biology, University of Coimbra, Portugal

José Jimenez (MA), 2010, Student, University of Chile, Santiago, Chile

Rotation (Graduate Program):

Malita Panin, 1990

Tina Dahl, 1993

Susan Barned, 1994

Lori Raetzman, 1994

Elizabeth Valentine, 1995

Yen Li, 1999

John Gomez, 2000

Marta Taddeo, 2001

Quan Liu, 2001

Catherine A. Rottkamp, 2002

Erin Reed, 2003

Xinglong Wang, 2005

Medical Students:

Douglas Stewart, 1984-1985

Madelyn Weiss, 1985-1986

Michelle Onorato, 1986-1988

Avi Ben-Meir, 1993-1994

Takafumi Wataya, 1997, Kyoto University

Avi Friedlich, 1997-1999, Harvard University

Fellows trained and current position:

Miguel Pappolla, M.D., 1985-1986, Professor of Neurology and Neuroscience, Louisiana State University Health Science Center, New Orleans, Louisiana.

Pamela Galloway, M.D., 1986-1988, jointly with P. Gambetti, Initially Assistant Professor of Pathology, Case Western Reserve University and subsequently surgeon in private practice.

Valeria Manetto, M.D., 1986-1987, jointly with P. Gambetti, Associate Professor of Pathology, University of Bologna, Italy (deceased, 1995).

Hea-soo Koo, M.D., 1987, jointly with P. Gambetti, Associate Professor of Pathology, Ewha Womans University, Seoul, Korea.

Massimo Tabaton, M.D., 1988, jointly with P. Whitehouse and P. Gambetti, Professor of Neurology, Director of Alzheimer's Center, Department of Neurosciences, University of Genoa, Italy.

Mitsuru Kawai, M.D., 1988-1991, Fogarty Fellow, Fulbright Fellow, Professor of Neurology, University of Tokyo, Japan and Vice-Director, Hagashisaitama National Hospital, Saitama, Japan

Patrick Cras, M.D., 1989-1991, Fogarty Fellow, Professor and Chief of Staff of Neurology, University of Antwerp, Belgium.

Mark Smith, Ph.D., 1992 -1994, Daland Fellow (American Philosophical Society), Ruth Salta Junior Achievement Award (American Health Assistance Foundation), Young Scientist Lectureship Award (International Society for Neurochemistry), Nathan Shock New Investigator Award (The Gerontological Society of America), Jordi Folch-Pi Award (American Society of Neurochemistry), Hermann-Esterbauer Award (HNE Society), Denham Harman Research Award (American Aging Association), Professor of Pathology, Case Western Reserve University, Cleveland, Ohio (deceased 2010).

Nancy Tresser, M.D., 1992-1994, jointly with P. Gambetti and A. LeBlanc, Medical Director, Imalux, Cleveland, Ohio.

Darja Praprotnik, M.D., 1993-1994, Pathologist, Diagnostic Cytology Laboratories, Inc, Indianapolis, Indiana.

Rudolph Castellani, M.D., 1994-1995, jointly with P. Gambetti, Professor of Pathology, University of Maryland, Baltimore, Maryland.

Keisuke Hirai, Ph.D., 1997-1998, Leader of CNS Non-Clinical Pharmacology, Takeda Chemical Industries Ltd., Osaka, Japan.

Akihiko Nunomura, M.D., Ph.D., 1997-1999, Associate Professor, Department of Neuropsychiatry, University of Yamanashi, Yamanashi, Japan.

Gjumrakch Aliev, M.D., Ph.D., 1998-1999, Professor of Health Science and Healthcare Administration, University of Atlanta, Georgia.

Jiong Shi, M.D., Ph.D., Director, Cognitive and Behavior Neurology Program, Barrow Neurological Institute, Phoenix, Arizona.

Kazuhiro Honda, M.D., Ph.D., 2003-2005, Physician, Department of Neurology, Kohnodai Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan.

Gemma Casadesus, Ph.D., 2003-2006, Associate Professor, Department of Biology, Kent State University, Kent, Ohio.

Sónia Catarina de Sousa Correia (Ph.D.), 2012-

Postdoctoral Fellow, Center for Neuroscience and Cell Biology, University of Coimbra, Portugal

Gorka Gereñu Lopetegui, Ph.D., 2014, Post Doctoral Fellow, Department of Pathology, Case Western Reserve University, Cleveland, Ohio.

Sabbatical advisees:

Manuel Velasco, M.D., 1992-1993, Associate Professor, Medical College of Ohio, Toledo, Ohio (retired).

Hyoun-Tae Kim, M.D., 1999-2000, Associate Professor, Department of Clinical Pathology, Kangnam Sacred Heart Hospital, Seoul, Korea (deceased, 2000).

Mentorship Program:

Gender Equity Program, Hunter College of City University of New York; mentor to Alejandra Alonso, Ph.D., 2007-2008

Mentor Program, University of Texas Health Science Center San Antonio, mentor to Zheny Uqin Mentor Program, Case Western Reserve University, mentor to Xinglong Wang, Ph.D. 2016-

NIH K99, University of Texas Health Science Center San Antonio, mentor to Bess Frost, Ph.D. 2016-Mentor Program, University of Texas Health Science Center San Antonio, mentor to Miranda Orr, 2016-

Mentor Program, EURAXESS 2016-

Mentor Program, National Research Mentor Network 2016-

Mentor Program, Association for Academic Minority Physicians 2016-

Advocate Mentor Training, Senior Patient and Family Caregiver Network, Alliance for Aging Research, Washington, DC 2017-

Mentor Program, Professional Mentoring Skills Enhancing Diversity, University of Pittsburgh 2017-Center for Research and Training Enhancement – CREATE, Florida Agricultural and Mechanical University 2017-

Training Grants/Programs:

Member, Neuropathology Training Program
Member, Developmental Biology Training Grant
Member, Geriatrics Education Center
Member, Biomedical Sciences Training Program
Member, NIA Cellular and Molecular Aging Training Grant; Co-Principal Investigator
and Co-Director, 1999-
Member, Medical Scientist Training Program
Member, European Scientific Diasporas in North America (Euraxess)

Teaching Committees:

Pathology Subject Committee Member 2001-2006

Community Based:

Ohio Academy of Science, Visiting Scholar, 1990 Science-by-Mail, 1991-1994

Winter Conference on Brain Research, High School Outreach, 1993

Odyssey of the Mind, Judge, 1995-1998

Outstanding OMer Award 1995

American Society for Cell Biology, Inquires from Young People, 1993-

Centro Cultural Hispano de Cleveland, Incorporated, Member 1997-1998

Destination Imagination

Head Judge 2000, Judge 2001, 2003, 2005

Research ShowCASE

Judge 2003

Intel International Science and Engineering Fair

Special Judge for Sigma Xi, Cleveland, Ohio, 2003

Lompoc High School Alumni Association

Life Member, 2004

Texas Science and Engineering Fair (formerly Exxon-Mobil Texas Science and Engineering Fair),

San Antonio, Texas

Judge 2006, 2007, 2008, 2010, 2011, 2013, 2014, 2015, 2016, 2017, 2018

Blue Team Judge 2016, 2017, 2018

Alamo Junior Academy of Sciences

Keynote Speaker, Awards Ceremony, University of Texas at San Antonio, 2006, 2007,

2008, 2009, 2010

Award of Appreciation, 2006

Certificate of Appreciation, 2007, 2008

National Conference, Society for Advancement of Chicanos and Native Americans in Science

Judge 2006-2007, Member 2007-, Reviewer 2007, 2008

International Sustainable World Project Olympiad

Advisory Board, 2007-2008

Alamo Regional Science Fair

Judge 2008

Awards Presenter 2009

Introductory Speaker 2010

McNair Scholars Program

Judge 2008

Texas Science Careers Consortium

Member 2006-

Texas Math and Science Coaches Association

Member 2009-

Communications Arts High School, Northside Independent School District, San Antonio

Volunteer 2009

Expanding Your Horizons Conference

Introductory Speaker 2010

National Lab Day

Scientist 2010-

Alzheimer Association, San Antonio, Texas

Panel Discussion, San Antonio Symphony, 2010

Young Portuguese American Leaders Summit, National Organization of Portuguese-Americans

Presenter 2011

School of Science and Technology

Judge 2011

College and Career Readiness Initiative: Science Faculty Collaborative, San Antonio, Texas 2012

UTSA Pre-Medical Society

Presenter 2012

CCRI Faculty Collaborative, San Antonio, Texas

Trainee 2013

John Jay High School, Science and Engineering Academy, San Antonio, Texas

Science and Engineering Fair

Judge 2013

Thomas Edison High School Science Fair, San Antonio, Texas

Judge 2014

Communications Arts High School, San Antonio, Texas

Mentor, Marisa Williams, 2014-2015 Fourth Annual San Antonio Postdoctoral Research Forum, San Antonio, Texas Judge 2016

International Classes:

Fundación Ramón Areces, Valencia, Spain, 2001

Course Leader

Reminyl Neuroprotection Symposium, Madrid, Spain, 2004

Coordinator of Course

Universidad de Concepción, Concepción, Chile 2011

Summer Course Instructor

Massive Open Online Course (MOOC)

Understanding Alzheimer's Disease: A Molecular and Genetic Approach https://www.edx.org/course/understanding-alzheimers-disease-utsanantoniox-ad001x 2017

Invited Lectures/Seminars:

- Gordon Conference, Fertilization and Early Development, New Hampshire, 1977.
- 2. Department of Biology, Tulane University, New Orleans, Louisiana, 1982.
- 3. Department of Biochemistry, University of Arkansas Medical Center, Little Rock, Arkansas, 1982.
- Department of Physiology, Harvard Medical School, Boston, Massachusetts, 1982.
- 5. Department of Biology, Centenary College, Shreveport, Louisiana, 1982.
- 6. Department of Biology, Occidental College, Pasadena, California, 1982.
- 7. Smith Klein Beckman Laboratories, Philadelphia, Pennsylvania, 1982.
- 8. Department of Pathology, Case Western Reserve University, Cleveland, Ohio, 1982.
- 9. Department of Biology, Case Western Reserve University, Cleveland, Ohio, 1984.
- 10. National Neurological Institute, Universidad Nacional Autonoma de Mexico, Mexico, 1984.
- 11. XIII International Congress of Gerontology, New York, New York, 1985.
- 12. Department of Pathology, Case Western Reserve University, Cleveland, Ohio, 1985.
- 13. Lakewood Hospital, Lakewood, Ohio, 1986.
- 14. Mini Symposium, American Society for Cell Biology, Washington, D.C., 1986.
- 15. Xth International Congress of Neuropathology, Stockholm, Sweden, 1986.
- 16. Alzheimer Disease and Related Disorders Association, Erie Chapter, Erie, Pennsylvania, 1987.
- 17. Department of Neurology, Case Western Reserve University, Cleveland, Ohio, 1987.
- 18. First Symposium on Familial Alzheimer's Disease, Tulsa, Oklahoma, 1987.
- 19. Upiohn Company, Kalamazoo, Michigan, 1987.
- 20. Electron Microscope Society of Northeastern Ohio, Cleveland, Ohio, 1988.
- 21. Born-Bunge Foundation, University of Antwerp, Antwerp, Belguim, 1988.
- 22. Department of Pharmacology, Case Western Reserve University, Cleveland, Ohio, 1988.
- 23. First International Conference on Alzheimer's Disease and Related Disorders, Las Vegas, Nevada, 1988.
- 24. Ohio University College of Osteopathic Medicine, Athens, Ohio, 1988.
- 25. Department of Anatomy, Northeastern Ohio University College of Medicine, Rootstown, Ohio, 1989.
- 26. Second Symposium on Familial Alzheimer's Disease, Seattle, Washington, 1989.
- 27. Alzheimer Center, University of Cincinnati Medical School, Cincinnati, Ohio, 1990.
- 28. Department of Biology, Dickinson College, Carlisle, Pennsylvania, 1990.
- Second International Conference on Alzheimer's Disease and Related Disorders, Toronto, Canada, 1990.
- 30. Neuroscience of Alzheimer Disease Conference, Gliatech, Cleveland, Ohio, 1990.
- 31. Alzheimer's Disease and Related Disorders Association, Canton Chapter, Canton, Ohio 1990.
- 32. Department of Environmental Health Sciences, Case Western Reserve University, Cleveland, Ohio, 1990.
- 33. Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio. 1991.
- 34. Developmental Biology Retreat, Gwinn Estate, Cleveland, Ohio, 1991.
- 35. Department of Biology, Hope College, Holland, Michigan, 1991.

- 36. Cell Biology Retreat, Gwinn Estate, Cleveland, Ohio, 1991.
- 37. Department of Biology and Biochemistry, University of Montreal, Montreal, Canada, 1991.
- 38. French Foundation for Alzheimer's Research workshop, Brain amyloid and blood and spinal fluid tests for Alzheimer disease, Los Angeles, California, 1992.
- Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio, 1992.
- 40. Department of Biology, Heidelberg College, Tiffin, Ohio, 1992.
- 41. Sanders-Brown Center on Aging, University of Kentucky, Lexington, Kentucky, 1992.
- 42. Department of Pathology, Case Western Reserve University, Cleveland, Ohio, 1992.
- 43. Fifth International Congress of Cell Biology, Madrid, Spain, 1992.
- 44. Neurological Institute, Universidad Nacional Autonoma de Mexico, Mexico, 1992.
- 45. Fourth All Ohio Alzheimer Symposium, Toledo, Ohio, 1992.
- 46. Cell Biology Retreat, Cleveland Museum of Natural History, Cleveland, Ohio, 1992.
- 47. Department of Biology, Muskingum College, New Concord, Ohio, 1992.
- 48. Tanz Center for Neuroscience, University of Toronto, Canada, 1992.
- 49. Louisville Chapter Society for Neuroscience, University of Louisville Medical Center, Louisville, Kentucky, 1992.
- 50. Department of Biology, Wilburforce University, Wilburforce, Ohio, 1992.
- 51. Workshop: Potential animal and cellular models of Alzheimer's, Winter Conference on Brain Research, Whistler, British Columbia, Canada, 1993.
- 52. Panel: β-amyloid peptides: deposition, aggregation, neurotoxicity, biological effects. Winter Conference on Brain Research, Whistler, British Columbia, Canada, 1993.
- Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio. 1993.
- 54. FASEB Mini Symposium on Alzheimer's Disease, New Orleans, Louisiana, 1993.
- 55. Histology Society of Ohio, Annual Meeting, Cleveland, Ohio, 1993.
- Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio 1993.
- Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio 1993.
- 58. Neuroscience Program, Michigan State University, East Lansing, Michigan, 1994.
- 59. Department of Neurology, Sparrow Hospital, Lansing, Michigan, 1994.
- 60. Oklahoma Medical Research Foundation, Oklahoma City, Oklahoma, 1994.
- 61. Neuroscience Program, Ohio State University, Columbus, Ohio, 1994.
- 62. Dementia in Parkinson's Disease International Symposium, Jerusalem, Israel, 1994.
- 63. Superoxide Dismutase and Free Radicals in ALS and Neurodegeneration, Lake Bluff, Illinois, 1994.
- 64. Satellite Symposium on Normal and Pathological Brain Iron, Twelvth International Congress of Neuropathology, Niagara Falls, New York, 1994.
- Society of Neuroscientists of Africa First International Neuroscience Meeting, Marrakech, Morocco, 1995.
- 66. Tanz Center for Neuroscience, University of Toronto, Canada, 1995.
- 67. Alzheimer's Disease International Symposium, Born Bunge Foundation, University of Antwerp, Antwerp, Belgium, 1995.
- 68. Second Tel Aviv University Alzheimer's Disease Conference, Tel Aviv, Israel, 1995.
- 69. Department of Neurosciences, Cleveland Clinic Research Institute, Cleveland, Ohio, 1995.
- 70. Amyotrophic Lateral Sclerosis Foundation, San Francisco, California, 1995.
- 71. Alzheimer Association, Mansfield Chapter, Mansfield, Ohio, 1995.
- 72. Department of Pathology, Henry Ford Hospital, Detroit, Michigan, 1995.
- 73. Institute of Pathology, Technical University of Dresden, Dresden, Germany, 1995.
- 74. Ernst Schering Foundation Workshop, Alzheimer's Disease: Etiological mechanisms and therapeutic possibilities, Berlin, Germany, 1995.
- 75. Great Lakes Regional Microscopy Affilliates Meeting, Toledo, Ohio, 1995.
- 76. Cell Biology Retreat, Crawford Hall, Cleveland, Ohio, 1995.
- 77. American Society for Neurochemistry, Philadelphia, Pennsylvania, 1996.
- 78. Cephalon Incorporated, West Chester, Pennsylvania, 1996.
- 79. Department of Neuroscience, Centro de Investigacion y de Estudios Avanzados del Institute de Polytechnicos Nacional, Mexico, 1996.
- 80. Department of Anatomy, University of Kentucky, Lexington, Kentucky, 1996.
- 81. Department of Biology, Gannon University, Sharon, Pennsylvania, 1996.

- Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio, 1996.
- 83. Fourth International Congress of Movement Disorders, Vienna, Austria, 1996.
- 84. Gordon Research Conference, Intermediate Filaments, Holdness School, New Hampshire, 1996.
- 85. Fifth International Conference on Alzheimer's Disease and Related Disorders, Osaka, Japan, 1996.
- 86. Department of Biochemistry, Osaka University Medical School, Osaka, Japan, 1996.
- 87. Sumitomo Pharmaceuticals Company, Ltd., Osaka, Japan, 1996.
- 88. Takeda Chemical Industries, Ltd., Osaka, Japan, 1996.
- 89. Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio, 1996.
- 90. Fourth Conference on Neurodegenerative Disorders: Common Molecular Mechanisms, Ochos Rios, Jamaica, 1997.
- 91. FASEB Course: Neurobiology of CNS Disease, New Orleans, Louisiana, 1997.
- 92. Gerontology Research Center, National Institute on Aging, National Institutes of Health, Bethesda, Maryland, 1997.
- 93. Department of Pathology, University of Maryland, Baltimore, Maryland, 1997.
- 94. Molecular Geriatrics Corporation, Vernon Hills, Illinois 1997.
- 95. Microscopy and Microanalysis '97, Cleveland, Ohio 1997.
- 96. Symposium on the Neuroscience of Alzheimer's Disease, Cleveland, Ohio, 1997.
- 97. Rammelkamp Center, MetroHealth Medical Center, Cleveland, Ohio, 1997.
- 98. Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio, 1997.
- 99. Biological Basis of a Rational Approach to Therapy for Alzheimer Disease, Pamplona, Spain, 1997.
- 100. Centro de Biologia Molecular 'Severo Ochoa', Universidad Autonoma de Madrid, Spain, 1997.
- 101. Alzheimer Disease, Belgian Society of Neurology, Antwerp, Belgium, 1997.
- 102. Protein Aging Group of Cleveland, Cleveland, Ohio, 1997.
- 103. World Congress, Oxidants and Antioxidants in Biology, Oxygen Club of California, Santa Barbara, California, 1998.
- 104. Gordon Research Conference, Oxygen Radicals in Biology, Ventura, California, 1998.
- 105. Manhattan Alzheimer Meeting, New York, New York, 1998.
- 106. University Center on Aging and Health, Case Western Reserve University, Cleveland, Ohio 1998.
- 107. Gordon Research Conference, Intermediate Filaments, Holderness School, New Hampshire, 1998.
- 108. Metabolism and Alzheimer's Hallmarks, Sixth International Conference on Alzheimer's Disease and Related Disorders, Amsterdam, Netherlands, 1998.
- 109. Protein Aging Group of Cleveland, Cleveland, Ohio, 1998.
- 110. Molecular and Genomic Effects of Tissue Oxygen Deprivation in Sleep Apnea, National Heart, Lung, and Blood Institute, Bethesda, Maryland, 1998.
- 111. Fourth Hungarian Conference on Alzheimer's Disease and Related Disorders, Szeged, Hungary, 1998.
- 112. Neurology Grand Rounds, Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois, 1999.
- 113. Program in Neuroscience, University of Massachusetts, Worchester, Massachusetts, 1999.
- Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio, 1999.
- 115. Oxygen Club of California, Santa Barbara, California, 1999.
- 116. Apoptosis in Alzheimer Disease, Alzheimer Research Forum, http://www.alzforum.org/res/for/journal/apoptosis/default.asp, 1999.
- 117. Experimental Biology '99, FASEB, Washington, D.C., 1999.
- 118. National Institutes of Neurological Diseases and Stroke, Bethesda, Maryland, 1999.
- 119. Neuroscience Program, Louisiana State University Medical Center, Shreveport, Louisiana, 1999.
- 120. International Society of Neurochemistry, Satellite Symposium on Neuronal Apoptosis, Tübingen, Germany. 1999.
- 121. Gordon Research Conference, Oxidative Stress and Disease, Waterville Valley, New Hampshire, 1999.
- 122. Institute of Cellular and Molecular Biology, University of Oporto, Oporto, Portugal, 1999.
- 123. Portugese Society for Neuroscience, Lisbon, Portugal, 1999.
- 124. Center for Neuroscience and Cell Biology, University of Coimbra, Coimbra, Portugal, 1999.
- 125. Neuroimaging and Biological Markers for Alzheimer's disease, National Institute on Aging, Bethesda, Maryland. 1999.
- 126. Alzheimer Disease: Models and Mechanisms, Thomas Jefferson University, Philadelphia, Pennsylvania, 1999.
- 127. American College of Neuropsychopharmacology, Acapulco, Mexico, 1999.

- Fourth International Symposium on Medicinal Chemistry in Neurodegenerative Diseases, Cancun, Mexico. 2000.
- 129. Department of Pharmacology, Case Western Reserve University, Cleveland, Ohio, 2000.
- 130. Neurobiology and Clinical Management of Alzheimer's Disease and Related Disorders, Cleveland, Ohio, 2000.
- 131. Mitochondrial Pathology in Aging and Neurodegeneration, Experimental Biology 2000, San Diego, California, 2000.
- Pathobiology for Basic Scientists; Cell Injury/Cell Death, Experimental Biology 2000, San Diego, California, 2000.
- 133. Transgenic Models in the Nervous System, Experimental Biology 2000, San Diego, California, 2000.
- 134. Mitokor Corporation, San Diego, California, 2000.
- 135. Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio, 2000.
- 136. Linus Pauling Institute, Oregon State University, Corvalis, Oregon, 2000.
- 137. World Alzheimer Congress 2000, Washington, D.C., 2000.
- 138. XIVth International Congress of Neuropathology, Birmingham, England 2000.
- 139. Neuromuscular Disorders of Aging, Marseille, France, 2000.
- 140. Centro de Biologia Molecular 'Severo Ochoa', Universidad Autonoma de Madrid, Spain, 2000.
- 141. Metals and Brain: From Neurochemistry to Neurodegeneration, Padova, Italy, 2000.
- 142. Takeda Chemical Industries, Ltd., Osaka, Japan, 2000.
- 143. Department of Neurology, Kyoto University, Japan, 2000.
- 144. Tenth Biennial Meeting of the International Society for Free Radical Research, Kyoto, Japan, 2000.
- 145. Department of Biochemistry, Osaka University Medical School, Osaka, Japan, 2000.
- 146. Sumitomo Pharmaceutical Company, Osaka, Japan 2000.
- 147. Eisai Pharmaceutical Company, Asahikawa, Japan, 2000.
- 148. Asahikawa Medical College, Asahikawa, Japan, 2000.
- 149. Can Alzheimer's Disease be Prevented?, University of Western Australia, Perth, Australia, 2000.
- 150. Cell Biology Department, Cleveland Clinic Foundation, Cleveland, Ohio 2000.
- 151. First Annual Summit, Panacea Pharmaceuticals, Rockville, Maryland, 2001.
- 152. Department of Biomedical Sciences, Iowa State University, Ames, Iowa 2001.
- 153. Clinical Pathology Conference, University Hospitals of Cleveland, Cleveland, Ohio 2001.
- 154. Fundación Ramón Areces, Valencia, Spain, 2001.
- 155. Gordon Research Conference, Oxidative Stress and Disease, Ventura, California, 2001.
- 156. -Synclein Biology, National Institute of Neurological Disorders and Stroke, Bethesda, Maryland, 2001.
- 157. Neuroscience Research Institute, Department of Molecular, Cellular, Developmental Biology, University of California, Santa Barbara, California, 2001.
- 158. Annual Summit. Panacea Pharmaceuticals. Rockville. Maryland 2001.
- 159. New Insights in Neurodegenerative Disease, Philadelphia, Pennsylvania, 2001.
- 160. Seventeenth Annual Alzheimer's Disease Symposium, Alzheimer's Association, Eastern Tennessee Chapter, Gatlinburg, Tennessee, 2001.
- 161. Biology of Synucleins, National Institute on Aging, Bethesda, Maryland 2001.
- 162. Department of Neurology, Ohio State University, Columbus, Ohio 2001.
- 163. International Society for Neurochemistry, Buenos Aires, Argentina, 2001.
- 164. Ethics Seminar, Case Western Reserve University, Cleveland, Ohio, 2001.
- 165. Ageing and Dementia 2001, University of Graz, Graz, Austria, 2001.
- 166. International Workshop on Comparative Aspects of Oxidative Stress in Biological Systems, La Paz, Baja California Sur, Mexico, 2001.
- 167. Keynote Address, Second International Workshop on Iron and Copper Homeostasis, Pucon, Chile, 2001.
- 168. Mind and Brain, 56th Congress of the Chilean Neurological, Psychiatric and Neurosurgical Societies, Pucon, Chile, 2001.
- 169. Controversies in Alzheimer Disease: Etiopathology and Therapeutics, 56th Congress of the Chilean Neurological, Psychiatric and Neurosurgical Societies, Pucon, Chile, 2001.
- 170. Plenary Lecture, 56th Congress of the Chilean Neurological, Psychiatric and Neurosurgical Societies, Pucon, Chile, 2001.
- 171. University Memory and Aging Center, Case Western Reserve University, Cleveland, Ohio 2001.
- 172. Hemochromatosis as a Factor in AD, Alzheimer Research Forum, http://www.alzforum.org/res/for/journal/milward/default.asp, 2002.

- 173. Department of Pathology, University of Pennsylvania, Philadelphia, Pennsylvania, 2002.
- 174. Clinical Pathology Conference, Department of Pathology, Case Western Reserve University, Cleveland, Ohio, 2002.
- 175. Neuroscience Program, University of Rochester, Rochester, New York, 2002.
- 176. Second Annual Summit, Panacea Pharmaceuticals, Inc., Rockville, Maryland, 2002.
- 177. Plenary Lecture, 8th International Conference on Alzheimer's Disease, Stockholm, Sweden, 2002.
- 178. Discussant, Enabling Technologies for Alzheimer's Disease II, Alzheimer Research Forum, Bar Harbor, Maine, 2002.
- 179. Cell and Molecular Biology of Alzheimer's Disease, Hamburg, Germany, 2002.
- 180. CNS Research Department, Boehringer Ingelheim, Ingelheim am Rhein, Germany, 2002.
- 181. Opening Plenary Lecture and Closing Roundtable, Second International Conference on Metals and the Brain, Fez, Morocco, 2002.
- 182. The Regulation of Cell Hydration in Norm and Pathology, UNESCO-USA-Caucasus Workshop, Yerven, Armenia, 2002.
- 183. 11th Annual Puerto Rico Neuroscience Conference, San Juan, Puerto Rico, 2002.
- 184. Protein Aging Group of Cleveland, Cleveland, Ohio, 2003.
- 185. Magnetic Resource Imaging Division, General Electric Global Research, Schenectady, New York, 2003.
- 186. Department of Neurology, Albany Medical College, Albany, New York, 2003.
- 187. Oxidative Stress in Brain Aging and Neurodegenerative Diseases: From Biology to Therapy, Perugia, Italy, 2003.
- 188. Bioiron 2003: World Congress on Iron Metabolism, National Institutes of Health, Bethesda, Maryland, 2003.
- 189. 6th International Conference on on Alzheimer's and Parkinson's Disease, Seville, Spain, 2003.
- 190. Mitochondria 2003, San Diego, California, 2003.
- 191. Voyager Pharmaceuticals, Atlanta, Georgia and Naples, Florida, 2003.
- 192. Summer Program in Undergraduate Research, Case Western Reserve University, Cleveland, Ohio, 2003.
- 193. Cancer Center/Blood Club Seminar, Case Western Reserve University, Cleveland, Ohio, 2003.
- 194. Endocrine Grant Rounds, Case Western Reserve University, Cleveland, Ohio, 2003.
- 195. Reminyl Neuroprotection Symposium, Madrid, Spain, 2004.
- 196. Minority Views and Professional Responsibilities—Scientists Air Their Views, Alzheimer Research Forum, http://www.alzforum.org/res/for/journal/perry/default.asp, 2004.
- 197. Protein Aging Group, Cleveland, Ohio, 2004.
- 198. XII Meeting of the Society for Free Radical Research International, Buenos Aires, Argentina, 2004.
- 199. Special Lecture in memory of Carlos Garcia, 18th Annual Meeting of the Group for the Study of Brain Diseases and Dementia, Obidos, Portugal, 2004.
- 200. Alzheimer's Disease: The Current State, 18th Annual Meeting of the Group for the Study of Brain Diseases and Dementia, Obidos, Portugal, 2004.
- 201. Cell Biology Retreat, Sawmill Creek Resort, Huron, Ohio, 2004.
- 202. Challenging Views of Alzheimer's Disease 2004, Roundtable "What is Aging, What Is its Role in Alzheimer's Disease and What Can We Do About It?", Philadelphia, Pennsylvania, 2004.
- Science Enrichment and Opportunity Program, Case Western Reserve University, Cleveland, Ohio, 2004.
- 204. American Society for Neurochemistry, New York, New York, 2004.
- 205. 8th International Symposium on the Maillard Reaction, Charleston, South Carolina, 2004.
- 206. New Therapeutic Approaches to Alzheimer Disease, Project of Queen Sofia of Spain, Madrid, Spain, 2004.
- 207. Michigan State University, Lansing, Michigan, 2004.
- 208. Korean Conference on Innovative Science and Technology, Gyeongju, Korea, 2004.
- 209. Department of Microbiology and Immunology, Hallym University College of Medicine, Kangwo-Do, Korea, 2004.
- 210. Third International Workshop on Iron and Copper Homeostasis, Viña del Mar City, Chile, 2004.
- 211. International Conference on Inclusion-Body Myositis (s-IBM): Frontiers of Research Potentially Relevant to Treatment, Los Angeles, California, 2005.
- 212. Hopkins Marine Station, Department of Biological Sciences, Stanford University, 2005.
- 213. Prion Development Laboratories, Buffalo Grove, Illinois, 2005.
- 214. 7th International Conference on Alzheimer's and Parkinson's Disease, Sorrento, Italy, 2005.
- 215. Masamichi Memorial Symposium, Case Western Reserve University, Cleveland, Ohio, 2005.
- 216. Experimental Biology, San Diego, California, 2005.

- 217. Panel: Alzheimers and Other Neural Degenerative Diseases of Aging: Unraveling the Mystery, Research ShowCASE, Cleveland, Ohio, 2005.
- 218. International Symposium on Aging and Neurodegeneration, Seoul, Korea, 2005.
- 219. Hallym University, Chuncheon-si, Gangwon-do, Korea, 2005.
- 220. IPSEN Symposium: Alzheimer's disease: From repair to prevention, Brugges, Belgium, 2005.
- 221. Oxidative Stress in Autism Symposium, New York, New York, 2005.
- 222. 4th International Congress on Vascular Dementia, Porto, Portugal, 2005.
- 223. Centro de Biologia Cellular, University of Aveiro, Aveiro, Portugal, 2005.
- 224. Protein Oxidation, Misfolding and Dysfunction in Neurodegenerative Diseases, Santiago, Chile, 2005.
- 225. Cell & Molecular Biology Seminar Series, University of Texas at San Antonio, San Antonio, Texas, 2006.
- 226. Sigma Xi Presentation, Trinity University, San Antonio, Texas, 2006.
- 227. Pathology Research Conference, The University of Texas Health Science Center at San Antonio, San Antonio, Texas, 2006.
- 228. 10th International Conference on Alzheimer's Disease and Related Disorders, Madrid, Spain, 2006.
- 229. Lo major de la Universidad de Texas San Antonio en Mexico, El Colegio Nacional, Mexico, D.F., Mexico, 2006.
- 230. XVI International Congress of Neuropathology, San Francisco, California, 2006.
- 231. Molecular Medicine Seminar Series, University of Texas Health Science Center at San Antonio, San Antonio, Texas, 2006.
- 232. Reflecting on 100 Years of Alzheimer's, Cleveland, Ohio, 2006.
- Department of Biology, University of Texas at Brownsville, Brownsville, Texas, 2006.
- 234. The Minority Access to Research Careers/Minority Biomedical Research Support Programs Spring Seminar Series, University of Texas at San Antonio, San Antonio, Texas, 2007.
- 235. 8th International Conference on Alzheimer's and Parkinson's Disease, Salzburg, Austria, 2007.
- 236. Pathology Seminar Series, University of Wisconsin Madison, Madison, Wisconsin, 2007.
- 237. Department of Psychology, University of Texas at Austin, Austin, Texas, 2007.
- 238. Department of Molecular Cell Biology and Immunology, Vrije Universiteit, Amsterdam, The Netherlands, 2007.
- 239. 6th Dutch Endo-Neuro-Psycho Meeting, Doorwerth, The Netherlands, 2007.
- 240. Center for Neuroscience and Cell Biology, University of Coimbra, Coimbra, Portugal, 2007.
- 240. American College of Veterinary Pathology Annual Meeting, Savannah, George, 2007.
- 241. Autism Spectrum Disorders, Twenty-fourth International Neurotoxicology Conference, San Antonio, Texas, 2007.
- 242. 5th International Congress on Vascular Dementia, Budapest, Hungary, 2007.
- 243. 1st International Conference on Current Hypotheses of Alzheimer's Disease, Viña del Mar, Chile, 2007.
- 244. Philip Morris External Research Symposium, Washington DC, 2007.
- 245. 1st International Conference on Drug Design and Discovery, Dubai, United Arab Emirates, 2008.
- 246. Medicine Research Seminar Series, The University Health Science Center at San Antonio, San Antonio, Texas, 2008.
- 247. Symposium/Roundtable, 54th Brazilian Congress of Genetics, Salvador, Bahia, Brazil, 2008.
- 248. Conference, 54th Brazilian Congress of Genetics, Salvador, Bahia, Brazil, 2008.
- 249. Special Keynote Lecture. BioMonterrey 08. Monterrey. Mexico. 2008.
- 250. Keynote Plenary Lecture, XVIth National Congress of Biochemistry, Portuguese Biochemical Society, University of the Açores, Ponta Delgada, São Miguel Island, Açores, Portugal, 2008.
- 251. 13th International Meeting on Trace Elements in Man and Animals. Pucón, Chile, 2008.
- 252. Faculty of Medicine, University of Chile, Santiago, Chile, 2008.
- 253. VI Encontro do Fórum Internacional de Investigadores Portuguese FIIP, Institute de Medicina Molecular. Universidade de Lisboa. Portugal. 2008.
- 254. Department of Chemistry, University of Texas at Dallas, Dallas, Texas, 2009.
- 255. 9th International Conference on Alzheimer's and Parkinson's Diseases, Prague, Czech Republic, 2009.
- 256. Science Café, Sigma XI, San Antonio, Texas, 2009.
- 257. Fred E. Samson Memorial Lecture, Department of Molecular and Integrative Physiology, University of Kansas Medical Center, Kansas City, Kansas, 2009
- 258. Special Course, American Association of Neuropathologists Annual Meeting, San Antonio, Texas, 2009.
- 259. Presidential Address, American Association of Neuropathologists, San Antonio, Texas, 2009.
- Department of Pathology, University of Texas at Houston Health Science Center, Houston, Texas, 2009.

- VI Symposium "Advances in Alzheimer's Disease", Project of Queen Sofia of Spain, Madrid, Spain, 2009.
- 262. Brainstorming Session On the Cause of Alzheimer's Disease Present and Future. Project of Queen Sofia of Spain, Madrid, Spain, 2009.
- 263. Hill Country Symposium, Alzheimer's Association, Star Chapter, Boerne, Texas, 2009.
- 264. Plenary Lecture, XV Congreso Latinoamericano de Nutrición, Sociedad Latinoamericana de Nutrición, Santiago, Chile, 2009.
- 265. Centro Internacional de Biomedicina, Universidad de Chile, Santiago, Chile, 2009.
- 266. Symposium, XV Congreso Latinoamericano de Nutrición, Sociedad Latinoamericana de Nutrición, Santiago, Chile, 2009.
- 267. International Course on Molecular Biology of Development, Neurodegeneration and Genomic Medicine, University of Guadalajara, Guadalajara, Mexico, 2009.
- 268. Mitchell Center, University of Texas Medical Branch, Galveston, Texas, 2010.
- 269. Barshop Institute for Longevity and Aging Studies, University of Texas Health Science Center, San Antonio, Texas, 2010.
- 270. Neuroscience and Experimental Therapeutics Seminar, Texas A&M Health Science Center, College Station, Texas, 2010.
- 271. Geriatrics, Gerontology and Palliative Care Grand Rounds, South Texas Veterans Health Center Services, San Antonio, Texas, 2010.
- 272. Texas State Plan for Alzheimer Disease, Austin, Texas, 2010.
- 273. Keynote speaker, 4th Annual UTSA Architecture, Business, Engineering and Science Students Conference 2010, University of Texas at San Antonio, San Antonio Texas, 2010.
- 274. Institute of Basic Research in Developmental Disabilities, Staten Island, New York, 2010
- 275. San Antonio Council for the Cooperation of Engineering and Scientific Societies (SACCESS), San Antonio, Texas, 2010
- 276. Healthcare Professional Conference, Alzheimer's Association, Star Chapter, San Antonio, Texas, 2010
- 277. Microscopy and Microanalysis 2010, Portland, Oregon, 2010
- 278. Symposium, 17th International Congress of Neuropathology, Salzburg, Austria, 2010
- 279. Mitochondrial Advisory Group, Eisai Company, London, England, 2010
- 280. Department of Biology, University of Massachusetts, Dartmouth, 2010
- 281. TEDx Alamo, San Antonio, Texas, 2010 http://www.youtube.com/watch?v=6tBSFEzkk0A
- 282. Eulogy for Mark Anthony Smith, Church of the Holy Angels, Bainbridge Township, Ohio, 2010
- 283. Progress in Neurological Disorders: Basic and Tanslational Research, *Universidad de Concepción*, Concepción, Chile, 2011
- 284. Memorial Service for Mark A. Smith, Case Western Reserve University, Cleveland, Ohio, 2011 http://www.youtube.com/watch?v=oS8fBhUM09Y&feature=player_embedded
- 285. Strategy Days, IOS Press, Amsterdam, Netherlands, 2011
- 286. Plenary lecture, Associazione Autonoma per le Demenzeadesente alla Sin (SINDEM), Milan, Italy, 2011
- 287. Beta Beta Beta UTSA Chapter, San Antonio, Texas, 2011
- 288. Mark A. Smith, Posthumous Outstanding Investigator Acceptance, American Society for Investigative Pathology, Washington DC, 2011
- 289. 2011 PhysTEC Conference Panel, Austin, Texas, 2011
- 290. Jim Flood Memorial Alzheimer's Disease Distinguished Lectureship, 22nd Annual Saint Louis University Geriatric Institute, Saint Louis University, Saint Louis, Missouri, 2011
- 291. International Conference on New Discoveries of the Brain, Panama, 2011
- 292. Age Pioneers: A Tribute to Jim Joseph and Mark A. Smith, American Aging Association, Raleigh, North Carolina. 2011
- 293. Young Portuguese-American Leaders Summit, National Organization of Portuguese-Americans, Washington, DC, 2011
- 294. Neurosurgery Center for Research, Training and Education, Loma Linda University, California, 2011
- 295. Microscopy and Microanalysis 2011, Nashville, Tennessee, 2011
- 296. International Alzheimer's Research Year, Fundacion Reina Sofia and Fundacion Pasqual Mangall, Madrid, Spain, 2011 http://www.alzheimerinternacional2011.org/diferido.php?ver=u06&idioma=en&i=1
- 297. UTB/TSC Alzheimer's Research Symposium, Brownsville, Texas, 2011 http://media.utb.edu/2011 Alzheimer/Perry.html
- 298. Junior Investigator Day, International College of Geriatric Psychoneuropharmacology, Irvine, California, 2011

- 299. Senior Investigator Award Lecture, International College of Geriatric Psychoneuropharmacology, Irvine, California, 2011
- 300. Case Brain Health Collaborative, Beachwood, Ohio, 2012
- 301. Abbott Laboratories, Chicago, Illinois, 2012
- 302. Induction Ceremony, Academia Mexicana de Ciencas, Centro de Investigación y Estudias Avanzados del IPN, Mexico, DF, 2012
- 303. Texas Academy of Sciences, Alpine, Texas, 2012
- 304. MBRS-RISE Seminar, University of Texas at San Antonio, San Antonio, Texas, 2012
- 305. Twenty-Fifth Anniversary, IOS Press, Amsterdam, Netherlands, 2012
- 306. MSTP Distinguished Lecture, Medical Scientist Training Program, University of Virginia, Charlottesville, Virginia, 2012
- 307. Plenary Speaker, 1st International Symposium on Prion Chemical Biology and Emerging Technologies: Toward a cure for Alzheimer's diseases. UK Prion Chemical Biology Network, Sheffield, England, 2012
- 308. Distinguished Speaker Series, Mind Science Foundation, San Antonio, Texas, 2012
- 309. Alzheimer's Centers of Excellence, Tampa, Florida, 2012
- 310. RTRN Webinar, RCMI Network, 2012 http://rtrn.adobeconnect.com/p2hd5uls9kh/
- 311. Geriatric Research, Education and Clinical Center, University of Washington, Seattle, Washington, 2012
- 312. Plenary Speaker, VI Ibero-American Alzheimer's Congress, Santiago, Chile, 2012
- 313. Panelist, The Power of Diversity and Community Engagement, 13th RCMI International Symposium on Health Disparities, San Juan, Puerto Rico, 2012 http://genecenter.org/rcmi/2012/dec-12/GS4
- 314. State of the State Plan Alzheimer Disease Partnership Meeting, Austin,
- 315. Spring 2013 Seminar Series, Health Science Center, University of North Texas, Fort Worth, Texas, 2013
- 316. Keynote Speaker, Vascular Mechanisms in Alzheimer's Disease and Neurodegeneration Disorders Symposium, University of Texas Southwestern Medical Center, Dallas, Texas, 2013

 http://www.utsouthwestern.edu/education/medical-school/departments/neurology/programs/alzheimers-disease-center/adc-symposium-2013-lectures.html#Perry
- 317. Minority Access to Research Careers, New Mexico State University, Las Cruces, New Mexico, 2013
- 318. MBRS-RISE, Minority Biomedical Research Support Research Initiative for Scientific Enhancement, University of Texas at San Antonio, Texas, 2013
- 319. Keynote Speaker, First International Conference on Advances in Research and Therapeutics in Alzheimer Disease, Benemérita Universidad Autónoma de Puebla, Mexico, 2013
- 320. XIV Portuguese-American Postgraduate Society (PAPS) Forum, Massachusetts Institute of Technology, Boston, Massachusetts, 2013
- 321. American Association of Pathologist Assistants, San Antonio, Texas, 2013
- 322. Induction Ceremony, Spanish Royal Academy of Sciences, Madrid, Spain, 2013
- 323. Opening Lecture, Excellence in Neurodegeneration Seminar Series, CIBERNED, Madrid, Spain, 2013
- 324. Summer Institute on Aging, 2013 (SIA 2013), Veterans Administration, San Antonio, Texas, 2013
- 325. Cardiovascular Research Seminar Series, Morehouse School of Medicine, Atlanta, Georgia, 2013
- 326. Diplomacy and Politics; Exploring the Portuguese Diaspora in Interdisciplinary and Comparative Perspectives: An International Conference, Indianapolis, Indiana, 2013
- 327. Interdisciplinary dialogues; Exploring the Portuguese Diaspora in Interdisciplinary and Comparative Perspectives: An International Conference, Indianapolis, Indiana, 2013
- 328. Martin Goland Lecture, Sigma Xi Alamo Chapter, San Antonio, Texas, 2013
- 329. Keynote Presentation, International Conference on Psychology, Autism and Alzheimer's Disease, San Antonio, Texas, 2013
- 330. Track 4 Scientific Presentation, International Conference on Psychology, Autism and Alzheimer's Disease. San Antonio. Texas. 2013
- 331. From Neurodegeneration to Brain Health: An Integrated Approach, Case Brain Health Collaborative, Cleveland, Ohio, 2013
- 332. Cantoblanco Workshop on tau, Madrid, Spain, 2013
- 333. Oxidative Stress and the Next Generation of Discovery, BU-Pfizer Symposium on Translational Sciences, Boston University, Boston, Massachusetts, 2013
- 334. 2013 Alzheimer's Educational, Alzheimer's Association for San Antonio and South Texas Chapter, San Antonio, Texas, 2013
- 335. Keynote Presentation, International Summit on Clinical Pharmacy and Dispensing, San Antonio, Texas, 2013.

- Track 3 Scientific Presentation, International Summit on Clinical Pharmacy and Dispensing, San Antonio, Texas, 2013.
- American Society for Nanomedicine Spring Conference, University of Maryland at Shady Grove, Rockville, Maryland, 2014
- 338. National Hispanic Medical Association, Washington, DC, 2014
- 339. Department of Neurology Resident Conference, University of Maryland, Baltimore, Maryland, 2014
- 340. Department of Pathology Resident Conference, University of Maryland, Baltimore, Maryland, 2014
- 341. Southwest Fulbright Symposium: Transcending Borders, Fulbright Association, San Antonio Chapter, San Antonio, Texas, 2014
- 342. Keynote Presentation, Arctic Science Conference, Arctic Chapter, AAAS, University of Alaska, Fairbanks. Alaska. 2014
- 343. International Symposium on Minority Health and Health Disparities, Washington DC, 2014
- 344. Roundtable on Alzheimer Disease Research, Physicians' Committee for Responsible Medicine, Washington, DC, 2015
- 345. Department of Pathology and Laboratory Medicine, University of Wisconsin, Madison, Wisconsin, 2015
- 346. Webinar: Targets for the Next Generation of Alzheimer's Disease Treatment, ACT-AD, Washington DC, 2015 http://act-ad.org/activities/webinars/
- 347. Department of Psychology, Ponce Health Sciences University, Ponce, Puerto Rico, 2015
- 348. Research Seminar Series, Ponce Health Sciences University, Ponce, Puerto Rico, 2015
- 349. Journal of Alzheimer's Disease Editorial Meeting, Alzheimer's Association International Conference on Alzheimer's Disease, Washington, D.C. 2015
- 350. Center for Health Disparities and Molecular Medicine, Loma Linda University, Loma Linda, California, 2015
- 351. Distinguished Seminar Series, Loma Linda, 2015. University School of Medicine, Loma Linda, California
- 352. Expert Presentation, Eighth Annual Meeting, Accelerating Cures/Treatments for Alzheimer's Disease, ACT-AD, Washington, DC, 2015
- 353. Panel Of Experts, Accelerating Cures/Treatments for Alzheimer's Disease, Washington, DC, 2015
- 354. Inaugural Session, International Online Biomedical Conference, 2015, https://www.youtube.com/watch?v= 0KyBQylytA&list=PLA90trmgVPCymG9o2FWVQ_jKESaoffsMz
- 355. Keynote Lecture, Second Border Biomedical Research Center Symposium on Health Disparities: From Molecules to Disease, University of Texas at El Paso, Texas, 2015
- 356. Cell Biology Symposium, Argentine Society for Biochemistry and Molecular Biology Congress 2015, Mar del Plata, Argentina, 2015
- 357. Local Keynote Speaker, First National Hispanic Alzheimer's Conference, Fuerza Contra Alzheimer's, San Antonio, Texas, 2015
- 358. Azorean Alzheimer Association, Ponta Delgada, Azores., Portugal 2016
- 359. International Congress on Integrative Medicine and Health, Las Vegas, Nevada 2016
- 360. Scientific Lecture, Division of Neurogeriatrics, Karolinska Institutet, Stockholm, Sweden, 2015
- 361. Opponent Ph.D. Thesis, Karolinska Institutet, Stockholm, Sweden, 2015
- 362. Scientific Lecture, International Conference on Recent Advances in Biosciences and Applications of Engineering in Production of Biopharmaceuticals & 9th Convention of Association of Biotechnology and Pharmacy, Special Satellite Meeting on "Molecular Neurochemical Networking Complexes in Alzheimer's disease", KL University, Andhra Pradesh India, 2015
- 363. Public Lecture, International Society of Neurochemistry Sponsored Public Awareness Program of Alzheimer's and Parkinson Diseases, Hotel Regency, Guntur, Andhra Pradesh, India, 2015
- 364. Department of Chemistry and Biochemistry, Baylor University, Waco, Texas, 2016
- 365. Department of Neurobiology and Anatomy, Drexel University, Colege of Medicine, Philadelphia, Pennsylvania 2016
- 366. Second San Antonio Conference on Stem Cell Research & Regenerative Medicine, San Antonio, Texas. 2016
- 367. Induction Ceremony, Academy of Sciences Lisbon, Portugal 2016
- 368. Debate: Does Chronic Traumatic Encephalopathy Exist? Controversies in Neurology (CONY), Lisbon, Portugal, 2016 http://cdn.simul-europe.com/cony2016/1640 Discussion fri C.mp4 http://cdn.simul-europe.com/cony2016/1625 Perry fri C.mp4
- 369. Debate Host: Prion-like Spreading is a Relevant Theory for Neurodegenerative Disease, Controversies in Neurology (CONY), Lisbon, Portugal 2016
- 370. Beyond the Horizon in Dementia, Controversies in Neurology (CONY), Lisbon, Portugal 2016 http://cdn.simul-europe.com/cony2016/1030 Perry sun A.mp4

- 371. Institute for Integration of Medicine and Science (IIMS), Community Health Advisory Board Meeting, University of Texas Health Science Center San Antonio, San Antonio, Texas 2016
- 372. International Congress on Integrative Medicine and Health, Las Vegas, Nevada 2016
- 373. 2016 San Antonio Drug Discovery Symposium, San Antonio, Texas 2016
- 374. Prediction and Prevention of Dementia: New Hope, Milan, Italy 2016
- 375. World Automation Congress, Puerto Rico 2016
- 376. Center for Collaborative Research in Health Disparities, University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico, 2016
- 377. 2016 Center for Genome Research and Biocomputing (CGRB), Fall Conference, Oregon State University, Corvallis, Oregon 2016
- 378. Sixteenth Portuguese American Postgraduate Society Forum, Memorial Sloan-Kettering Cancer Center, New York City, New York, 2016
- 379. Grand Challenges in Neuroscience: Texas FreshAir 2016 Annual Conference, Austin, Texas 2016
- 380. Three separate talks, Tenth Anniversary, Associação Alzheimer Açores –ALZA, Conference on Dementia, Ponta Delgada, Azores, Portugal, 2016.
- 381. Keynote Seminar, Annual Meeting Arkansas Chapter of the Society for Neuroscience, Little Rock, Arkansas 2016
- 382. Second National Hispanic Alzheimer's Conference, Fuerza Contra Alzheimer's, New York City, New York 2016
- 383. Symposium, IOS Press 30th Anniversary, Amsterdam, Netherlands, 2017
- 384. Plenary Session, Controversies in Neurology, American Academy of Neurology Annual Meeting, Boston, Massachusetts, 2017
- 385. Senior Patient and Family Caregiver Advocate Network, Alliance for Aging Research, Washington, D.C. 2017
- 386. Neurodegeneration Consortium (NDC), MD Anderson Hospital, Houston, 2017
- 387. Opening Plenary Lecture, International Congress "State of the Art in Non-Clinical Models of Neurodegenerative Diseases", Varadero, Cuba, 2017
- 388. Aging and Neurodegenerative Disease Symposium, University of Texas at San Antonio, Texas, 2017
- 389. Virginia Tech Life Sciences Series, Blacksburg, Virginia 2017
- 390. Plenary Speaker, 43rd Turkish Physiology Congress, Pamukkale University, Denizli, Turkey 2017
- 391. Roundtable, Alzheimer Foundation of America, Washington DC, 2017
- 392. Global Summit on Alzheimer's Disease, Champalimaud Center for the Unknown, Lisbon, Portugal, 2017
- 393. Big Data, Big Challenges, 2017 Conference, University of Texas at San Antonio, Texas, 2017
- 394. Grand Rounds, Department of Psychiatry, UT Health San Antonio, Texas 2018
- 395. Plenary Lecture, 37th Annual Meeting of Japan Society for Dementia Research, Sapporo, Japan, 2018
- 396. Symposium, 37th Annual Meeting of Japan Society for Dementia Research, Sapporo, Japan, 2018
- 397. Distinguished Lecture, UTSA Neurobiology Institute, University of Texas at San Antonio, San Antonio, Texas, 2018
- 398. Nutrition, Disease Prevention, and Wellness Special Interest Group, American Academy of Optometry, San Antonio, Texas, 2018
- 399. XII International Conference on Alzheimer's disease and Dementia, Valencia, Spain 2018
- 400. San Antonio Military Health System and Universitie Research Forum (SURF), University of Texas at San Antonio, San Antonio, Texas, 2018

Community Lectures

- 1. UTSA Development Board, San Antonio, Texas, 2006
- 2. Exxon-Mobil Texas Science and Engineering Fair, San Antonio Texas, 2006, 2007, 2009, 2010, 2011, 2013
- 3. Seventh Annual UTSA Great Conversation!, University of Texas at San Antonio Honors College, San Antonio, Texas, 2007, 2008
- Closing Day Assembly, Prefreshman Engineering Program, San Antonio, Texas, 2007
- 5. Graduate Student Orientation, University of Texas at San Antonio, San Antonio, Texas, 2007, 2008
- 6. Teacher Open House, University of Texas at San Antonio, San Antonio, Texas, 2008
- 7. Pre concert Talk, "Alzheimer's Stories", San Antonio and Fredericksburg, Texas, 2009
- 8. Teaching Assistant Orientation, San Antonio, Texas, 2011, 2012, 2013, 2014, 2015
- 9. Rotary Club of Boerne, Texas, 2011
- 10. Conversations, KLRN, San Antonio, Texas, 2011 http://video.klrn.org/video/2202477810
- 11. Table Topic, UTSA Development Board, San Antonio, Texas, 2012

- 12. Rotary Club of Alamo Heights, Texas, 2012
- 13. Cappy's First Wednesday Breakfast Club, San Antonio, Texas, 2012
- 14. Career Development, College of Architecture, University of Texas at San Antonio, Texas, 2012
- 15. Asset Initiative Proposal, Neuroscience Subcommittee, Biomed SA, San Antonio, Texas, 2013
- 16. The Source, Radio Call-in Show, Texas Public Radio, San Antonio, Texas, 2013 http://tpr.org/post/source-measuring-economic-impact-eagle-ford-shale
- 17. Psychology and Sociology Class, Brunswick High School, Brunswick, Ohio, 2013
- 18. Business and Social Division, Lone Star College Montgomery, Conroe, Texas, 2013
- 19. Open Compute Project Engineering Workshop, University of Texas at San Antonio, Texas, 2013
- 20. 12th Annual Candlelight Remembrance Service, Alzheimer Association of San Antonio and South Texas, Chapel of the Incarnate Word, San Antonio, Texas, 2013
- 21. Civic Club, San Antonio, Texas, 2014
- 22. PREP IV Scholars Symposium, San Antonio, Texas, 2014
- 23. CIMA Project Undergraduate Research Program, University of Texas at San Antonio, 2014
- 24. Ninth International Workshop on Disordered System, San Antonio, Texas, 2014
- 25. Academic Excellence Council, University of Texas at San Antonio, 2014
- 26. mmLearn.org, Morningside Ministry, San Antonio Texas, 2015
 http://msm.mediasite.com/mediasite/Play/07c1f5414cfe42cfbd4687faf4b1be5a1d?catalog=f861ae94-be61-450a-a964-814b6edd1176
- 27. Top Tier Scientists, San Antonio Country Club, San Antonio, Texas, 2015
- 28. Understanding Impact Factors, Faculty Center, University of Texas at San Antonio, Texas, 2015
- UTSA Retired Faculty Association, University of Texas at San Antonio, 2015
- 30. Pre Concert Talk, "Alzheimer Stories", UTSA Recital Hall, San Antonio, Texas, 2015
- 31. Planned Giving Council and Sombrilla Society, University of Texas at San Antonio, San Antonio, Texas, 2015
- 32. Downtown Rotary, San Antonio, Texas, 2015
- 33. Blood and Tissue Center Foundation, San Antonio, Texas 2015
- 34. Understanding Impact Factors, Faculty Center, University of Texas at San Antonio, 2015
- 35. San Antonio Medical Foundation Board Center, San Antonio, Texas, 2015
- 36. "The Doctor Is In", Children's Hospital of San Antonio, San Antonio, Texas, 2015
- 37. Sombrilla Society, University of Texas at San Antonio, San Antonio, Texas, 2016
- 38. UTSA Alumni Reception, Houston, Texas 2016
- 39. UTSA Alumni Reception, Dallas, Texas 2016
- 40. Sloan Program, University of Texas at San Antonio, San Antonio, Texas 2016
- 41. MEDTalk Conference, University of Texas at San Antonio, San Antonio, Texas 2016
- 42. City of San Antonio Economic and Human Development Committee, City of San Antonio Council, San Antonio, Texas, Texas 2016
- 43. Alzheimer's with MacKenzie Rogers and George Perry, Ph.D., Health Stories that Matter, 790 KSPD, Boise, Idaho 2016 http://790kspd.com/alzheimers-with-mackenzie-rogers-and-george-perry-ph-d/
- 44. Monster in the Mind, 2016 http://www.monsterinthemind.com/
- 45. Oakes Club, Plaza Club, San Antonio, Texas 2016
- 46. Conopus Club, San Antonio Country Club, San Antonio, Texas 2016
- 47. UTSA Alumni Reception, Corpus Christi, Texas 2017
- 48. Think Science: Memory, Texas Public Radio, San Antonio, Texas 2017 http://tpr.org/post/think-science-memory
- 49. UTSA Alumni Reception, Houston, Texas 2017
- 50. College of Sciences Dean's Student Board, Curriculum Vitae Workshop, San Antonio, Texas, 2017 http://www.utsa.edu/sciences/dsb/development.html

Commencement Speaker

Pathologists' Assistant Program, University of Maryland, Baltimore, Maryland, 2014

Meeting Session Chairs:

- 1. American Association of Neuropathologists Annual Meeting, Minneapolis, Minnesota, 1986.
- American Society for Cell Biology Mini Symposium, Organizer, Washington D.C., 1986.
- American Association of Neuropathologists Annual Meeting, Charleston, South Carolina, 1987.

- 4. American Association of Neuropathologists Annual Meeting, Dallas, Texas, 1987.
- 5. American Association of Neuropathologists Annual Meeting, San Diego, California, 1989.
- 6. Second International Conference on Alzheimer Disease, Toronto, Canada, 1990.
- 7. Third International Conference on Alzheimer Disease, Padua, Italy, 1992.
- 8. Fourth All Ohio Alzheimer Symposium, Toledo, Ohio, 1992.
- 9. American Association of Neuropathologists Annual Meeting, Salt Lake City, Utah, 1993.
- Dementia in Parkinson's Disease International Symposium, Jerusalem, Israel, 1994.
- 11. Satellite Symposium on Normal and Pathological Brain Iron, Twelfth International Congress of Neuropathology, Niagara Falls, New York, 1994.
- 12. Twelfth International Congress of Neuropathology, Toronto, Canada, 1994.
- 13. Society of Neuroscientists of Africa Symposium Organizer, International Neuroscience Meeting, Marrakech, Morocco, 1995.
- 14. Alzheimer's Disease International Symposium, Born Bunge Foundation, University of Antwerp, Antwerp, Belgium, 1995.
- 15. Second Tel Aviv University Alzheimer's Disease Conference, Tel Aviv, Israel, 1995.
- 16. Fifth International Conference on Alzheimer's Disease and Related Disorders, Osaka, Japan, 1996.
- 17. Microscopy and Microanalysis '97, Cleveland, Ohio, 1997.
- 18. American Association of Neuropathologists Annual Meeting, Pittsburgh, Pennsylvania, 1997.
- 19. Society for Neuroscience Annual Meeting, New Orleans, Louisiana, 1997.
- Fourth Hungarian Conference on Alzheimer's Disease and Related Disorders, Szeged, Hungary, 1998.
- 21. American Association of Neuropathologists Annual Meeting Portland, Oregon, 1999.
- 22. Experimental Biology 2000, San Diego, California, 2000.
- 23. American Association of Neuropathologists Annual Meeting, Atlanta, Georgia, 2000.
- 24. World Alzheimer Congress 2000, Washington, D.C., 2000.
- 25. Fourteenth International Congress of Neuropathology, Birmingham, England, 2000.
- 26. Metals and the Brain, Padova, Italy, 2000.
- 27. Tenth Biennial Meeting of the International Society for Free Radical Research, Kyoto, Japan, 2000.
- 28. Can Alzheimer's Disease be Prevented?, University of Western Australia, Perth, Austrialia, 2000.
- Gordon Research Conference, Oxidative Stress and Disease, Ventura, California, 2001.
- American Association of Neuropathologists Annual Meeting, Chicago, Illinois, 2001.
- 31. Hemochromatosis as a Factor in AD, Alzheimer Research Forum, http://www.alzforum.org/res/for/journal/milward/default.asp, 2002.
- 32. Stress-Induced Pathogenic Mechanisms, Eighth International Conference on Alzheimer Disease, Stockholm, Sweden, 2002.
- 33. Inflammation/Oxidation, Eighth International Conference on Alzheimer Disease, Stockholm, Sweden, 2002.
- 34. Second International Conference on Metals in the Brain, Fez. Morocco, 2002.
- 35. Society for Neuroscience Annual Meeting, Anaheim, California, 2002.
- 36. Bioiron 2003: World Congress on Iron Metabolism, Bethesda, Maryland, 2003.
- 37. 6th International Conference on Alzheimer's and Parkinson's Disease, Seville, Spain, 2003.
- 38. American Association of Neuropathologists Annual Meeting, Orlando, Florida, 2003.
- 39. Society for Neuroscience Annual Meeting, New Orleans, Louisiana, 2003.
- 40. Annual Education Retreat: Moving Medical Education Forward, Cleveland, Ohio, 2004.
- 41. Regulation of Nuclear Functions, Cleveland, Ohio, 2004.
- 42. XII Meeting of the Society for Free Radical Research International, Buenos Aires, Argentina, 2004.
- 43. Minority Views and Professional Responsibilities—Scientists Air Their Views, Alzheimer Research Forum, http://www.alzforum.org/res/for/journal/perry/default.asp, 2004.
- 44. 9th International Conference on Alzheimer's Disease and Related Disorders, Philadelphia, Pennsylvania, 2004.
- 45. 8th International Symposium on the Maillard Reaction, Charleston, South Carolina, 2004.
- 46. Third International Workshop on Iron and Copper Homeostasis, Viña del Mar, Chile, 2004.
- 47. International Conference on Inclusion-Body Myositis (s-IBM), Frontiers of Research Relevant to Treatment. Los Angeles, California, 2005.
- 48. Masamichi Aikawa Memorial Symposium, Case Western Reserve University, Cleveland, Ohio, 2005.
- 49. New Faculty Symposium, CASE School of Medicine, Cleveland, Ohio, 2005.
- 50. 4th International Congress on Vascular Dementia, Porto, Portugal, 2005.

- 51. 10th International Conference on Alzheimer's Disease and Related Disorders, Madrid, Spain, 2006.
- 52. National Conference, Society for Advancement of Chicanos and Native Americans in Science, Tampa, Florida, 2006.
- 53. Reflecting on 100 Years of Alzheimer's, Cleveland, Ohio, 2006.
- 54. 5th International Congress on Vascular Dementia, Budapest, Hungary, 2007.
- 55. 1st International Conference on Current Hypothesis of Alzheimer Disease, Viña del Mar, Chile 2007.
- 56. American Association of Neuropathologists Annual Meeting, Experimental Biology 2008, San Diego, California, 2008.
- 57. Special Course, American Association of Neuropathologists Annual Meeting, San Antonio, Texas, 2009.
- 58. Presidential Symposium, American Association of Neuropathologists Annual Meeting, San Antonio, Texas, 2009.
- 59. Microscopy and Microanalysis 2010, Portland, Oregon, 2010.
- 60. Microscopy and Microanalysis 2011, Nashville, Tennessee, 2011.
- 61. Global Alzheimer's Research Summit, Madrid, Spain, 2011
- 62. Case Brain Health Collaborative Retreat, Hunting Valley, Ohio, 2012
- 63. VI Congreso Iberoamericano de Alzheimer, Santiago, Chile, 2012
- 64. 13th Annual Career Development Program, Experimental Biology 2013, Boston, Massachusetts, 2013
- 65. Exploring the Portuguese Diaspora in Interdisciplinary and Comparative Perspectives: An International Conference, Indianapolis, Indiana, 2013
- 66. International Conference on Psychology, Autism and Alzheimer's Disease, San Antonio, Texas 2013
- 67. Cantoblanco Workshop on Tau, Madrid, Spain, 2013
- 68. International Symposium on Minority Health and Health Disparities, Washington, DC, 2014
- 69. World Stem Cell Summit, San Antonio, Texas, 2014
- 70. Texas Academy of Science, San Antonio, Texas, 2015
- 71. Argentinean Society of Biochemistry and Molecular Biology, Argentina, 2015
- 72. Neuroscience Oral Session, Texas Academy of Science, Junction, Texas, 2016
- 73. Neuroscience Poster Session, Texas Academy of Science, Junction, Texas, 2016
- 74. Controversies in Neurology (CONY), Lisbon, Portugal, 2016
- 75. Texas FreshAir, Neuroscience Meeting, Austin, Texas, 2016
- 76. Tenth Health Disparities Conference, Xavier University, New Orleans, Louisiana 2017
- 77. State of the Art in Non-Clinical Models for Neurodegenerative Diseases, Varadero, Cuba, 2017
- 78. Aging and Neurodegenerative Disease Symposium, University of Texas at San Antonio, 2017
- 79. Alzheimer's Foundation of America Advisory Board Roundtable, Washington, DC 2017
- 80. ResearchCenters in Minority Institutions (RCMI) Translational Science 2017: Innovate, Translate, Collaborate, Engage, Community, Washington DC 2017

Philanthropy:

Alzheimer's Association

Walk to End Alzheimer Disease, Cleveland, Ohio, 2009, 2011 Walk to End Alzheimer Disease, San Antonio, Texas, 2009, 2010

Alzheimer Research and Prevention Foundation

Mark Smith Memorial 2011

Baylor College of Medicine

Jaworski Society 2014

Case Western Reserve University

Mark Smith Memorial Fund for the Scientific Enrichment and Opportunity Program 2011 Satcher/Pamies Scholarship Fund 2011

Mark A. Smith Endowed Lectureship

Drs. Smith and Sayre Alzheimer Research Fund

Dean's Society (Clifford J. Vogt Level)

Fundación Ibero Meneses

Texas Public Radio

Member 2012-

Professional Member 2013-

University of Massachusetts Dartmouth

Chancellors Circle 2011

Ferreira-Mendes Portuguese-American Archive 2010

University of Texas at San Antonio

Alicia Romo Memorial Scholarship 2010

Alumni Association Life Membership 2009- (Four)

COS Dean's Fund for Excellence 2009

Paseo Society 2009-

President's Associates 2006-

Paul Rodriguez Scholarship 2011

Bring Rowdy Home 2013

Fill the Fountain 2013

Sombrilla Society 2014-

Chancelor's Circle 2014-

Romo Challenge 2014

Collaborative Study Area 2014

Roadrunner Memorial Garden 2016

National Organization of Portuguese-Americans

Bronze Sponsor, Portuguese-American Postgraduate Society Forum 2013, 2014

Rivard Report

Advocate 2016-

Music and Memory 2017

Mexican-American Legal Defense and Education Fund (MALDEF) 2017

References:

Nathan A. Berger, M.D. Past Dean and Director

Center for Science, Health and Society

Health Sciences Library, 1st floor

CASE School of Medicine 10900 Euclid Avenue

Cleveland, Ohio 44106-4971

216-368-4084

216-368-3244 (fax)

nab@case.edu

Pierluigi Gambetti, M.D.

Professor and Director

Division of Neuropathology

Institute of Pathology

2085 Adelbert Road Cleveland. Ohio 44106

216-844-1808

216-844-3627 (fax)

pierluigi.gambetti@case.edu

William R. Brinkley, Ph.D. Professor of Cell Biology

Emeritus Senior Vice President of Graduate

Studies

Baylor College of Medicine

One Baylor Plaza

Houston, Texas 77030

713-798-5262

713-798-6325 (fax)

brinklev@bcm.tmc.edu

David Epel, Ph.D.

Jane and Marshall Steel Jr. Professor of Marine Sciences and Emeritus Professor of Biological

Sciences

Stanford University

Hopkins Marine Station

Pacific Grove, California 93950

408-373-0302

depel@stanford.edu

Colin Masters, M.D.
Professor and Chair
Department of Pathology
University of Melbourne
Parkville, Victoria 3052
Australia
011-61-3-344-5867
011-61-3-344-4004 (fax)
c.masters@pathology.unimelb.edu.au

John Frederick, Ph.D.
Professor of Chemistry
(Formerly Provost and Vice President of Academic Affairs)
University of Texas at San Antonio
One UTSA Circle
San Antonio, Texas, 78249
210-458-7553
john.frederick@utsa.edu

Floyd L. Wormley, Jr.
Associate Dean for Research & Graduate Studies
Professor of Biology
University of Texas at San Antonio
One UTSA Circle
San Antonio, Texas, 78249
(210) 458-6635
floyd.wormley@utsa.edu

Jerold S. Goldberg, M.D.
(Previous Interim Provost and Interim Dean of Medicine, Case Western Reserve University)
Professor and Past Dean
School of Dental Medicine, Dean's Office
Case Western Reserve University
10900 Euclid Avenue
Cleveland, Ohio 44106
216-368-3266
jerold.goldberg@case.edu

Betty Merchant, Ph.D.
Former Dean, College of Education and Human Development
Professor, Educational Leadership and Policy Studies
University of Texas at San Antonio
One UTSA Circle
San Antonio, Texas, 78249
(210) 458-7191
betty.merchant@utsa.edu

Publications:

http://www.researcherid.com/rid/A-8611-2009

http://highlycited.com/categories/neuroscience/

ISI citations = 50.534

H-Factor = 111

Publications = 1108

http://scholar.google.com/citations?user=ySklo5EAAAAJ&hl=en

Google citations = 79,811

H-Factor = 142

Publications = 1440

http://www.researchgate.net/profile/George Perry/

Citations = 65,406

H Factor = 129

Publications = 1221

https://utsa.influuent.utsystem.edu/en/persons/george-perry

Citations = 54,231

H Factor = 116

Publications = 790

Thesis:

Perry G. Studies on calcium-stimulated oxidations in the sea urchin egg, Ph.D. Thesis. University of California, San Diego, pp 124, 1979.(9)

Abstracts – (not listed) total 834

Books and Editorships:

- 1. Perry G, Ed. *Advances in Behavioral Biology* **34**: *Alterations in the Neuronal Cytoskeleton in Alzheimer Disease*. Plenum Press, New York, pp 229, 1987.(13)
- 2. Perry G, Ed. Alzheimer's disease. Clin Neurosci 1(4):163-224, 1993.
- 3. Perry G, Smith MA, Eds. Alzheimer disease. Part of: *Frontiers in Bioscience* **7**, 2002 http://www.bioscience.org/current/special/perry.htm.
- 4. Smith MA, Perry G, Pryor WA, Eds. Causes and consequences of oxidative stress in Alzheimer's disease. *Free Radic Biol Med* **32**(11):1049-1083, 2002; **32**(12):1264-1282, 2002; **33**(1):45-51, 2002; **33**(2):173-191; **33**(5):620-626; and **33**(9):1194-1199, 2002.
- Smith MA, Zhu X, Perry G, Eds. Signal transduction in Alzheimer's disease. Neurosignals 11(5):235-298, 2002.
- 6. Smith MA, Perry G, Zhu X, Eds. Alzheimer's disease. Acta Neurobiol Exp 64(1):1-118, 2004.
- 7. Smith MA, Moreira PI, Castellani RJ, Perry G, Eds. Amyloid-β: A multifaceted protein, Parts I and II. *Brain Pathol* **14**(4):425-452, 2004 and **15**(1):66-87, 2005.
- 8. Smith MA, Perry G, Eds. Role of amyloid-β in Alzheimer disease. *Int J Exp Pathol* **86**(3):131-185, 2005.
- 9. Perry G, Smith MA, Eds. Imaging in Alzheimer disease. *Microsc Res Tech* **67**(3-4):113-217, 2005.
- 10. Perry G, Avila J, Kinoshita J, Smith MA, Eds. *Alzheimer's Disease: A Century of Scientific and Clinical Research.* IOS Press, Amsterdam, pp. 456, 2006, and *J Alzheimer's Dis* **9**(Suppl):1-456, 2006.
- 11. Smith MA, Rao KSJ, Perry G, Eds. Apoptotic mechanism in neurodegenerative diseases. *Curr Alzheimer Res* **3**(4):267-408, 2006.
- 12. Smith MA, Perry G, Zhu X, Haoudi A, Eds. Neurodegenerative diseases: mechanisms and therapies [18 articles]. *J Biomed Biotechnol*, 2006 http://www.hindawi.com/journals/jbb/volume-2006/si.2.html
- 13. Zhu X, Perry, G, Smith MA, Eds. Forum Reviews: Neurodegeneration. Antioxidants and Redox Signaling 9(10):1591-1690, 2007.
- 14. Chauhan A, Ed., Chauhan V, Perry G, Associate Eds. Autism spectrum disorders *American J Biochem Biotech*, **4**(2):61-225, 2008 http://www.scipub.org/scipub/detail_issue.php?V_No=173&j_id=ajbb
- 15. Avila J, Perry G, Smith MA, Eds. Is tau aggregation toxic or protective? *J Alzheimer's Dis* 14(4):363-457, 2008.
- 16. Maccioni R, Perry G, Eds. Current Hypotheses and Research Milestones in Alzheimer's Disease. Springer Press, pp. 247, 2009.
- 17. Zhu X, Beal MF, Wang X, Perry G, Smith MA, Eds. Mitochondria and Neurodegenerative Diseases. *J Alzheimer's Dis* **20**(suppl 2): S253-S643, 2010.
- 18. Casadesus G, Ed.; Perry G, Smith MA, Series Eds. *Advances in Alzheimer's Disease* **1:** *Handbook of Animal Models in Alzheimer's Disease*. IOS Press, Amsterdam, pp. 340, 2011.
- 19. Ashford JW, Rosen A, Adamson M, Bayley P, Sabri O, Furst A, Black SE, Weiner M, Eds.; Perry G, Smith MA, Series Eds. *Advances in Alzheimer's Disease* **2**: *Handbook of Imaging the Alzheimer Brain*. IOS Press, Amsterdam, pp. 808, 2011.
- 20. Britton G, Smith MA, Perry G, Sambamurti K, Jagannatha Rao KS, Eds. Drug Discovery for Neurodegenerative Diseases: Challenges and Novel Biochemical Targets. *J Alzheimer's Dis* **24**(Suppl 2): pp.1-232, 2011.
- 21. Perry G, Castellani RJ, Zhu X, Eds. Alzheimer's disease. Therapy 8(5):457-504, 2011.
- 22. Miklossy J, Donta S, Mueller K, Nolte O, Perry G, Eds. Chronic or Late Lyme Neuroborreliosis: Present and Future. *Open J Neurol* **6**(Suppl 1): 78-178, 2012.
- 23. Morelli L, Perry G, Tagliavini F, Eds. The Contribution of the Amyloid Hypothesis to the Understanding of Alzheimer's Disease: A Critical Overview. *International J Alzheimer's Dis* **2012**: pp. 56, 2012, http://www.hindawi.com/journals/ijad/si/975419/
- 24. Lee H-g, Perry G, Zhu X, Eds. Mark Smith: Pioneer of Alzheimer Disease Research. *Neurotox Res* **22**(3): 181-248, 2012.
- 25. Perry G, Zhu X, Smith MA, Sorensen A, Avila J, Eds.; Perry G, Smith MA, Series Eds. Advances in Alzheimer's Disease 3: Alzheimer's Disease: Advances for a New Century. IOS Press, Amsterdam, pp. 474. J Alzheimer's Dis 33(Suppl1):S1-S469, 2013.

- 26. Atta-ur-Rahman, Choudhary MI, Perry G. Recent Advances in Medicinal Chemistry, Volume 1. Bentham Science Publisher, Sharjah, United Arab Emirates, pp. 469, 2014.
- 27. Castellani R, Perry G, Eds. Alzheimer's Disease Amyloid, Tau and Beyond Biochemical Pharmacology **88**(4):423-682, 2014.
- 28. Castellani RJ, Perry G; Perry G, Castellani, Series Eds. Molecular Pathology of Alzheimer disease. Morgan & Claypool Life Sciences, San Rafael, California, pp 83, 2014.
- 29. Atta-ur-Rahman, Choudhary MI, Perry G. Recent Advances in Medicinal Chemistry, Volume2. Bentham Science Publisher, Sharjah, United Arab Emirates, pp. 185, 2015.
- 30. Smith G, Ed. Perry G, Ashford JW, Series Eds; Advances in Alzheimer's Disease 4: Handbook of Depression in Alzheimer's Disease. IOS Press, Amsterdam, pp. 381, 2015.
- 31. Perry G, Ed. *Marine Compounds and Their Application in Neurological Disorders*, Marine Drugs 13(9):5750-5766, 2015; 13(10):6117-6137, 6407-6424, 2015; 13(11):6636-6664, 6665-6686, 2015; 14(1):5, 2016; 14(3):55, 2016; 14(5):102, 2016, 2015.
- 32. Miklossy J, Ed., Perry G, Ashford JW, Series Eds. *Advances in Alzheimer's Disease 5: Handbook of Infection and Alzheimer's Disease*. IOS Press, Amsterdam, pp. 426, 2017.
- 33. Rao, KSJ, Perry G, Zhu YZ, Hegde M, von Zglinicki T, Perez-Pinzon M, Eds. Molecular Pathways in Aging and Neurodegeneration: Mechanisms and Therapeutics. *J Alzheimer's Dis* **60**:S1-S2, 2017.
- 34. Miklossy J, Tanzi R, McCully K, Perry G, Cotman C, Crean S, Chapman M Fulop T, McGeer P, Moir R, Allen H, Eds. An infectious origin of Alzheimer's disease: an end for this devastating disorder? *Frontiers Aging Neurosci* (in preparation)
- 35. Perry G, et al. Mark A. Smith: A Life Remembered. IOS Press (in preparation).
- 36. Perry G, Ed. Alzheimer Disease. Scholarpedia (in preparation).
- 37. Valles SL, Ed., Perry G, Qwarnstrom E, Fariñas I, Guest Eds. Special Issue on inflammation and oxidative stress in brain: therapeutics approach. *Oxi Med Cell Longev* (in preparation).
- 38. Castellani RJ, Ed., Perry G, Ashford W, Series Eds.; Traumatic Brain Injury. *J Alzheimer's Dis.* (in preparation)
- 39. Perry G, Sorensen A. Alzheimer Breakthrough. J Alzheimer's Dis (in preparation)
- 40. Perry G, Farías G, López O, Eds. Biomarkers of Neurodegenerative Diseases. *BioMed Research International* (in preparation).
- 41. Sena C, Seiça R, Perry G. Oxidative stress revisited—major role in non-communicable diseases. In: Frontiers in Physiology (in preparation)
- 42. Peluso I, Palmery M, Yarla NS, Perry G, Kamal MA, Guest Eds. Ageing: lifestyle, nutraceuticals, polypharmacy, and neuro-psychological factors affecting oxidative stress. In: *Oxidative Medicine and Cellular Longevity*. (in preparation)
- 43. Luca M, Di Mauro M, Perry G, Guest Eds. Neuropsychiatric disturbances and diabetes mellitus: the role of oxidative stress. In: *Oxidative Medicine and Cellular Longevity* (in preparation)
- 44. Perry G, Avila J, Zhu X. JAD 20 Year Anniversary. *J Alzheimer's Dis*. (in preparation)

Patents:

- 1. Perry G, Smith MA, Ghanbari H. (20020016284) Olfactory neuron cultures and methods of making and using the same. Filed U.S. Patent Office, 9 July 2001.
- 2. Perry G, Smith MA, Ghanbari H. (60/217,087US) Oxidative stress model and method of using thereof. Filed U.S. Patent Office, 10 July 2001.
- 3. Friedland RP, Perry G, Shi J. (20030175278) Amyloid deposit imaging. Filed U.S. Patent Office, October 2000.
- 4. Monteiro MJ, Man AL, Perry G, Smith MA. Ubiquilin, a presenilin interactor and methods of using same. Filed U.S. Patent Office, 3 November 2002.

Peer Reviewed Journal Articles (partial list of 429 total)

Chan HW, Liu T, Verdile G, Bishop G, Haasl RJ, Smith MA, Perry G, Martins RN, Atwood CS. Copper induces apoptosis of neuroblastoma cells via post-translational regulation of the expression of Bcl-2-family proteins and the tx^J mouse is a better model of hepatic than brain Cu toxicity. *Int J Clin Exp Med* 1:76-88, 2008.(10)

Thakur A, Siedlak SL, James SL, Bonda DJ, Rao A, Webber KM, Camins A, Pallàs M, Casadesus G, Lee H-g, Bowser R, Raina AK, Perry G, Smith MA, Zhu X. Retinoblastoma protein phosphorylation at multiple sites is associated with neurofibrillary pathology in Alzheimer disease. *Int J Clin Exp Pathol* **1**:134-146, 2008.(218)

Mondragón-Rodríguez S, Mena R, Binder LI, Smith MA, Perry G, García-Sierra F. Conformational changes and cleavage of tau in Pick bodies parallel the early processing of tau found in Alzheimer pathology. *Neuropathol Appl Neurobiol* **34**:62-75, 2008.(15)

Tamagno E, Guglielmotto M, Aragno M, Borghi R, Autelli R, Giliberto L, Muraca G, Danni O, Zhu X, Smith MA, Perry G, Jo D-G, Mattson MP, Tabaton M. Oxidative stress activates a positive feedback between the γ - and β -secretase cleavages of the β -amyloid precursor protein. *J Neurochem* **104**:683-695, 2008.(61)

Evans TA, Siedlak SL, Lu L, Fu X, Wang Z, McGinnis WR, Fakhoury E, Castellani RJ, Hazen SL, Walsh WJ, Lewis AT, Salomon RG, Smith MA, Perry G, Zhu X. The autistic phenotype exhibits a remarkably localized modification of brain protein by products of free radical-induced lipid oxidation. *Am J Biotech Biochem* **4**:61-72, 2008.

Mondragón-Rodríguez S, Basurto-Islas G, Santa-Maria I, Mena R, Binder LI, Avila J, Smith MA, Perry G, García-Sierra F. Cleavage and conformational changes of tau protein follow phosphorylation during Alzheimer's disease. *Int J Exp Pathol* **89:**81-90, 2008.(44)

Collingwood JF, Chong RKK, Kasama T, Cervera-Gontard L, Dunin-Borkowski RE, Perry G, Pósfai M, Siedlak SL, Simpson ET, Smith MA, Dobson J. Three-dimensional tomographic imaging and characterization of iron compounds within Alzheimer's plaque core material. *J Alzheimers Dis* **14**:235-245, 2008.(62)

Su B, Wang X, Drew KL, Perry G, Smith MA, Zhu X. Physiological regulation of tau phosphorylation during hibernation. *J Neurochem* **105**:2098-2108, 2008.(21)

Gustaw KA, Garrett MR, Lee H-g, Castellani RJ, Zagorski MG, Prakasam A, Siedlak SL, Zhu X, Perry G, Petersen RB, Friedland RP, Smith MA. Antigen-antibody dissociation in Alzheimer disease: a novel approach to diagnosis. *J Neurochem* **106**:1350-1356, 2008.(29)

Zhu X, Siedlak SL, Wang Y, Perry G, Castellani RJ, Cohen ML, Smith MA. Neuronal binucleation in Alzheimer disease hippocampus. *Neuropath Appl Neurobiol* **34**:457-465, 2008.(35)

Friedland RP, Tedesco JM, Wilson AC, Atwood CS, Smith MA, Perry G, Zagorski MG. Antibodies to potato virus Y bind the amyloid β peptide: immunohistochemical and NMR studies. *J Biol Chem* **283**:22550-22556, 2008.(10)

Bryan KJ, Zhu X, Harris PL, Perry G, Castellani RJ, Smith MA, Casadesus G. Expression of CD74 is increased in neurofibrillary tangles in Alzheimer's disease. *Mol Neurodegener* **3**:5 pages, doi:10.1186/1750-1326-3-13, 2008.(23)

Gonzalez-Cuyar LF, Perry G, Miyajima H, Atwood CS, Riveros-Angel M, Lyons PF, Siedlak SL, Smith MA, Castellani RJ. Redox active iron accumulation in aceruloplasminemia. *Neuropathology* **28**:466-471, 2008.(18)

Gelfand SL, Vento M, Sastre J, Lust WD, Smith MA, Perry G, Walsh M, Martin R. A new model of oxidative stress in rat pups. *Neonatology* **94**:293-299, 2008.(3)

Myung N-H, Zhu X, Kruman II, Castellani RJ, Petersen RB, Siedlak SL, Perry G, Smith MA, Lee H-g. Evidence of DNA damage in Alzheimer disease: phosphorylation of histone H2AX in astrocytes. *AGE* **30**:209-215, 2008.(35)

Lee H-g, Zhu X, Casadesus G, Pallàs M, Camins A, O'Neill MJ, Nakanishi S, Perry G, Smith MA. The effect of mGluR2 activation on signal transduction pathways and neuronal cell survival. *Brain Res* **1249**:244-250, 2009.(12)

Aliev G, Liu J, Shenk JC, Fischbach K, Pacheco GJ, Chen SG, Obrenovich ME, Ward WF, Richardson AG, Smith MA, Gasimov E, Perry G, Ames BN. Neuronal mitochondrial amelioration by feeding acetyl-L-carnitine and lipoic acid to aged rats. *J Cell Mol Med* **13**:320-333, 2009.(54)

Guglielmotto M, Aragno M, Autelli R, Giliberto L, Novo E, Colombatto S, Danni O, Parola M, Smith MA, Perry G, Tamagno E, Tabaton M. The up-regulation of BACE1 mediated by hypoxia and ischemic injury: role of oxidative stress and HIF1α. *J Neurochem* **108**:1045-1056, 2009.(102)

Ramiro-Puig E, Casadesús G, Lee H-g, Zhu X, McShea A, Perry G, Pérez-Cano FJ, Smith MA, Castell M. Neuroprotective effect of cocoa flavonids *[sic]* on in vitro oxidative stress. *Eur J Nutr* **48**:54-61, 2009.(4)

Siedlak SL, Casadesus G, Webber KM, Pappolla MA, Atwood CS, Smith MA, Perry G. Chronic antioxidant therapy reduces oxidative stress in a mouse model of Alzheimer's disease. *Free Rad Res* **43**:156-164, 2009.(32)

Lee H-g, Casadesus G, Nunomura A, Zhu X, Castellani RJ, Richardson SL, Perry G, Felsher DW, Petersen RB, Smith MA. The neuronal expression of MYC causes a neurodegenerative phenotype in a novel transgenic mouse. *Am J Pathol* **174**:891-897, 2009.(32)

Lee H-P, Zhu X, Zhu X, Skidmore SC, Perry G, Sayre LM, Smith MA, Lee H-g. The essential role of ERK in 4-oxo-2-nonenal-mediated cytotoxicity in SH-SY5Y human neuroblastoma cells. *J Neurochem* **108**:1434-1441, 2009.(10)

Bonda DJ, Evans TA, Santocanale C, Llosá JC, Viña J, Bajic VP, Castellani RJ, Siedlak SL, Perry G, Smith MA, Lee H-g. Evidence for the progression through S-phase in the ectopic cell cycle re-entry of neurons in Alzheimer disease. *Aging* **1**:382-388, 2009.(31)

Rajendran R, Minqin R, Ynsa MD, Casadesus G, Smith MA, Perry G, Halliwell B, Watt F. A novel approach to the identification and quantitative elemental analysis of amyloid deposits—insights into the pathology of Alzheimer's disease. *Biochem Biophys Res Comm* **382**:91-95, 2009.(13)

Stone JG, Rolston RK, Ueda M, Lee H-G, Richardson SL, Castellani RJ, Perry G, Smith MA. Evidence for the novel expression of human kallikrein-related peptidase 3, prostate-specific antigen, in the brain. *Int J Clin Exp Pathol* **2**:267-274, 2009.(6)

Dwyer BE, Zacharski LR, Balestra DJ, Lerner AJ, Perry G, Zhu X, Smith MA. Getting the iron out: phlebotomy for Alzheimer's disease? *Med Hypotheses* **72**:504-509, 2009.(6)

Liu G, Men P, Kudo W, Perry G, Smith MA. Nanoparticle-chelator conjugates as inhibitors of amyloid-β aggregation and neurotoxicity: a novel therapeutic approach for Alzheimer disease. *Neurosci Lett* **455**:187-190, 2009. (56)

Perez M, Santa-Maria I, Gomez de Barreda E, Zhu X, Cuadros R, Cabrero JR, Sanchez-Madrid F, Dawson HN, Vitek MP, Perry G, Smith MA, Avila J. Tau - an inhibitor of deacetylase HDAC6 function. *J Neurochem* **109**:1756-1766, 2009.(75)

Wang X, Su B, Lee H-g, Li X, Perry G, Smith MA, Zhu X. Impaired balance of mitochondrial fission and fusion in Alzheimer's disease. *J Neurosci* **29**:9090-9103, 2009. (54)

Su B, Liu H, Wang X, Chen SG, Siedlak SL, Kondo E, Choi R, Takeda A, Castellani RJ, Perry G, Smith MA, Zhu X, Lee H-g. Ectopic localization of FOXO3a protein in Lewy bodies in Lewy body dementia and Parkinson's disease. *Mol Neurodegener* **4**:5 pages, doi:10.1186/1750-1326-4-32, 2009.(15)

Dwyer BE, Smith MA, Richardson SL, Perry G, Zhu X. Down-regulation of aminolevulinate synthase, the rate-limiting enzyme for heme biosynthesis in Alzheimer's disease. *Neurosci Lett* **460**:180-184, 2009.(2)

Dwyer BE, Stone ML, Gorman N, Sinclair PR, Perry G, Smith MA, Zhu X. Heme-α, the heme prosthetic group of cytochrome *c* oxidase, is increased in Alzheimer's disease. *Neurosci Lett* **461**:302-305, 2009.(3)

Gustaw-Rothenberg KA, Siedlak SL, Bonda DJ, Lerner A, Tabaton M, Perry G, Smith MA. Dissociated amyloid-β antibody levels as a serum biomarker for the progression of Alzheimer's disease: a population-based study. *Exp Gerontol* **45**:47-52, 2010.(11)

Smith MA, Zhu X, Tabaton M, Liu G, McKeel DW Jr, Cohen ML, Wang X, Siedlak SL, Dwyer BE, Hayashi T, Nakamura M, Nunomura A, Perry G. Increased iron and free radical generation in preclinical Alzheimer disease and mild cognitive impairment. *J Alzheimers Dis* **19**:363-372, 2010.(140)

Su B, Wang X, Lee H-g, Tabaton M, Perry G, Smith MA, Zhu X. Chronic oxidative stress causes increased tau phosphorylation in M17 neuroblastoma cells. *Neurosci Lett* **468**:267-271, 2010. (34)

Wang X, Perry G, Smith MA, Zhu X. Amyloid-β-derived diffusible ligands cause impaired axonal transport of mitochondria in neurons. *Neurodegener Dis* **7**:56-59, 2010.(45)

Nunomura A, Tamaoki T, Tanaka K, Motohashi N, Nakamura M, Hayashi T, Yamaguchi H, Shimohama S, Lee H-g, Zhu X, Smith MA, Perry G. Intraneuronal amyloid β accumulation and oxidative damage to nucleic acids in Alzheimer disease. *Neurobiol Dis* **37**:731-737, 2010.(42)

Nair NG, Perry G, Smith MA, Reddy VP. NMR studies of zinc, copper, and iron binding to histidine, the principal metal ion complexing site of amyloid-β peptide. *J Alzheimers Dis* **20**:57-66, 2010.(20)

Poeggeler B, Sambamurti K, Siedlak SL, Perry G, Smith MA, Pappolla MA. A novel endogenous indole protects rodent mitochondria and extends rotifer lifespan. *PLoS ONE* **5**:8 pages, doi:10.1371/journal.pone.0010206, 2010.(8)

Nakamura M, Shishido N, Nunomura A, Smith MA, Perry G, Akutsu H, Hayashi T. Specific reaction of Met 35 in amyloid beta peptide with hypochlorous acid. *Free Radic Res* **44**:734-741, 2010.(3)

Storace D, Cammarata S, Borghi R, Sanguineti R, Giliberto L, Piccini A, Pollero V, Novello C, Caltagirone C, Smith MA, Bossù P, Perry G, Odetti P, Tabaton M. Elevation of β-amyloid 1-42 autoantibodies in the blood of amnestic patients with mild cognitive impairment. *Arch Neurol* **67**:867-872, 2010.(17)

Moh CF, Siedlak SL, Tabaton M, Perry G, Castellani RJ, Smith MA. Paraffin-embedded tissue (PET) blot method: application to Alzheimer disease. *J Neurosci Meth* **190**:244-247, 2010.(1)

Bonda DJ, Mailankot M, Stone JG, Garrett MR, Staniszewska M, Castellani RJ, Siedlak SL, Zhu X, Lee H-g, Perry G, Nagaraj RH, Smith MA. Indoleamine 2, 3-dioxygenase and 3-hydroxy-kynurenine modifications are found in the neuropathology of Alzheimer's disease. *Redox Report* **15**:161-168, 2010.(27)

Valdez CM, Smith MA, Perry G, Phelix CF, Santamaria F. Cholesterol homeostasis markers are localized to mouse hippocampal pyramidal and granule layers. *Hippocampus* **20**:902-905, 2010.(15)

Zou W-Q, Puoti G, Xiao X, Yuan J, Qing L, Cali I, Shimoji M, Langeveld JPM, Castellani R, Notari S, Crain B, Schmidt RE, Geschwind M, DeArmond SJ, Cairns NJ, Dickson D, Honig L, Torres JM, Mastrianni J, Capellari S, Giaccone G, Belay ED, Schonberger LB, Cohen M, Perry G, Kong Q, Parchi P, Tagliavini F, Gambetti P. Variably protease-sensitive prionopathy: a new sporadic disease of the prion protein. *Ann Neurol* **68**:162-172, 2010.(65)

Borghi R, Piccini A, Barini E, Cirmena G, Guglielmotto M, Tamagno E, Fornaro M, Perry G, Smith MA, Garuti A, Tabaton M. Upregulation of presenilin 1 in brains of sporadic, late-onset Alzheimer's disease. *J Alzheimers Dis* **22**:771-775, 2010.(7)

Buxton GA, Siedlak SL, Perry G, Smith MA. Mathematical modeling of microtubule dynamics: insights into physiology and disease. *Prog Neurobiol* **92**:478-483, 2010.

Heath JE, Siedlak SL, Zhu X, Lee H-g, Thakur A, Yan R, Perry G, Smith MA, Castellani RJ. Widespread distribution of reticulon-3 in various neurodegenerative diseases. *Neuropathology* **30**:574-579, 2010.(4)

Castellani RJ, Nugent SL, Morrison AL, Zhu X, Lee H-g, Harris PLR, Bajić V, Sharma HS, Chen SG, Oettgen P, Perry G, Smith MA. CD3 in Lewy pathology: does the abnormal recall of neurodevelopmental processes underlie Parkinson's disease. *J Neural Transm* **118**:23-26, 2011.(3)

Phelix CF, LeBaron RG, Roberson DJ, Villanueva RE, Villareal G, Rahimi OB, Siedlak S, Zhu X, Perry G. Transcriptome-to-metabolomeTM biosimulation reveals human hippocampal hypometabolism with age and Alzheimer's disease. *Int J Knowl Discov Bioinforma* $\mathbf{2}$:1-18, 2011.

Valdez CM, Phelix CF, Smith MA, Perry G, Santamaria F. Modeling cholesterol metabolism by gene expression profiling in the hippocampus. *Mol Biosyst* **7**:1891-1901, 2011.

Stone JG, Siedlak SL, Tabaton M, Hirano A, Castellani RJ, Santocanale C, Perry G, Smith MA, Zhu X, Lee H-g. The cell cycle regulator phosphorylated retinoblastoma protein is associated with tau pathology in several tauopathies. *J Neuropathol Exp Neurol* **70**:578-587, 2011.(16)

Wang X, Su B, Liu W, He X, Gao Y, Castellani RJ, Perry G, Smith MA, Zhu X. DLP1-dependent mitochondrial fragmentation mediates 1-methyl-4-phenylpyridinium toxicity in neurons: implications for Parkinson's disease. *Aging Cell* **10**:807-823, 2011.(28)

Wise-Scira O, Xu L, Kitahara T, Perry G, Coskuner O. Amyloid-β peptide structure in aqueous solution varies with fragment size. *J Chem Phys* **135**:13 pages, doi:10.1063/1.3662490, 2011.(14)

Castellani RJ, Gupta Y, Sheng B, Siedlak SL, Harris PLR, Coller JM, Perry G, Lee H-g, Tabaton M, Smith MA, Wang X, Zhu X. A novel origin for granulovacuolar degeneration in aging and Alzheimer's disease: parallels to stress granules. *Lab Invest* **91**:1777-1786, 2011.(19)

Colom LV, Castaneda MT, Hernandez S, Perry G, Jaime S, Touhami A. Intrahippocampal amyloid- β (1-40) injections injure medial septal neurons in rats. *Curr Alzheimer Res* **8**:832-840, 2011.(9)

Guglielmotto M, Aragno M, Tamagno E, Vercellinatto I, Visentin S, Medana C, Catalano MG, Smith MA, Perry G, Danni O, Boccuzzi G, Tabaton M. AGEs/RAGE complex upregulates BACE1 via NF-κB pathway activation. *Neurobiol Aging* **33**:196e.13-196.e27, 2012.(7)

Calderón-Garcidueñas L, Kavanaugh M, Block M, D'Angiulli A, Delgado-Chávez R, Torres-Jardón R, González-Maciel A, Reynoso-Robles R, Osnaya N, Villarreal-Calderon R, Guo R, Hua Z, Zhu H, Perry G, Diaz P. Neuroinflammation, hyperphosphorylated tau, diffuse amyloid plaques, and down-regulation of the cellular prion protein in air pollution exposed children and young adults. *J Alzheimers Dis* **28**:93-107, 2012.(36)

Sheng B, Wang X, Su B, Lee H-g, Casadesus G, Perry G, Zhu X. Impaired mitochondrial biogenesis contributes to mitochondrial dysfunction in Alzheimer's disease. *J Neurochem* **120**:419-429, 2012.

Zhu X, Castellani RJ, Moreira PI, Aliev G, Shenk JC, Siedlak SL, Harris PLR, Fujioka H, Sayre LM, Szweda PA, Szweda LI, Smith MA, Perry G. Hydroxynonenal-generated crosslinking fluorophore accumulation in Alzheimer disease reveals a dichotomy of protein turnover. *Free Radic Biol Med* **52**:699-704, 2012.(15)

Nunomura A, Tamaoki T, Motohashi N, Nakamura M, McKeel DW Jr, Tabaton M, Lee H-g, Smith MA, Perry G, Zhu X. The earliest stage of cognitive impairment in transition from normal aging to Alzheimer disease is marked by prominent RNA oxidation in vulnerable neurons. *J Neuropathol Exp Neurol* **71**:233-241, 2012.(29)

Kudo W, Lee H-P, Zou W-Q, Wang X, Perry G, Zhu X, Smith MA, Petersen RB, Lee H-g. Cellular prion protein is essential for oligomeric amyloid-β-induced neuronal cell death. *Hum Mol Genet* **21**:1138-1144, 2012.(48)

Wang X, Yan MH, Fujioka H, Liu J, Wilson-Delfosse A, Chen SG, Perry G, Casadesus G, Zhu X. LRRK2 regulates mitochondrial dynamics and function through direct interaction with DLP1. *Hum Mol Genet* **21**:1931-1944, 2012.

Wise-Scira O, Xu L, Perry G, Coskuner O. Structures and free energy landscapes of aqueous zinc(II)-bound amyloid- $\beta(1-40)$ and zinc(II)-bound amyloid- $\beta(1-42)$ with dynamics. *J Biol Inorg Chem* **17**:927-938, 2012.(16)

Piccini A, Borghi R, Guglielmotto M, Tamagno E, Cirmena G, Garuti A, Pollero V, Cammarata S, Fornaro M, Messa M, Colombo L, Salmona M, Perry G, Tabaton M. β-amyloid 1-42 induces physiological transcriptional regulation of BACE1. *J Neurochem* **122**:1023-1031, 2012.

Greco SJ, Hamzelou A, Johnston JM, Richardson S, Smith MA, Perry G, Ashford JW, Tezapsidis N. Isotyping the human *TOMM40* variable-length polymorphism by gene amplification and restriction digest. *Curr Alzheimer Res* **9**:1168-1173, 2012.

Coskuner O, Wise-Scira O, Perry G, Kitahara T. The structures of the E22 Δ mutant-type amyloid- β alloforms and the impact of E22 Δ mutation on the structures of the wild-type amyloid- β alloforms. *ACS Chem Neurosci* **4**:310-320, 2013.(10)

Greco SJ, Perry G, Ashford JW, Hamzelou A, Johnston JM, Tezapsidis N. Leptin rescues neurons from alzheimer's [sic] disease-related pathways triggered by lipid burden. Adv Alzheimer's Dis 2:31-39, 2013.

Correia SC, Santos RX, Santos MS, Casadesus G, LaManna JC, Perry G, Smith MA, Moreira PI. Mitochondrial abnormalities in a streptozotocin-induced rat model of sporadic Alzheimer's disease. *Curr Alzheimer Res* **10**:406-419, 2013.(6)

Perry EA, Castellani RJ, Moreira PI, Nunomura A, Lui Q, Harris PLR, Sayre LM, Szweda PA, Szweda LI, Zhu X, Smith MA, Perry G. Neurofilaments are the major neuronal target of hydroxynonenal-mediated protein cross-links. *Free Radic Res* **47**:507-510, 2013.(9)

Durán-González J, Michi ED, Elorza B, Perez-Córdova MG, Pacheco-Otalora LF, Touhami A, Paulson P, Perry G, Murray IV, Colom LV. Amyloid β peptides modify the expression of antioxidant repair enzymes and a potassium channel in the septohippocampal system. *Neurobiol Aging* **34**:2071-2076, 2013

Hou L, Lee H-g, Han F, Tedesco JM, Perry G, Smith MA, Zagorski MG. Modification of amyloid- β_{1-42} fibril structure by methionine-35 oxidation. *J Alzheimers Dis* **37**:9-18, 2013.

Živković L, Spremo-Potparević B, Siedlak SL, Perry G, Plećaš-Solarović B, Milićević Z, Bajić VP. DNA damage in Alzheimer disease lymphocytes and its relation to premature centromere division. *Neurodegener Dis* **12**:156-163, 2013.(3)

Williams WM, Torres S, Siedlak SL, Castellani RJ, Perry G, Smith MA, Zhu X. Antimicrobial peptide β-defensin-1 expression is upregulated in Alzheimer's brain. *J Neuroinflammation* **10**:11 pages, doi:10.1186/1742-2094-10-127, 2013.

Fujioka H, Phelix CF, Friedland RP, Zhu X, Perry EA, Castellani RJ, Perry G. Apolipoprotein E4 prevents growth of malaria at the intraerythrocyte stage: implications for differences in racial susceptibility to Alzheimer's disease. *J Health Care Poor Underserved* **24:**70-78, 2013.(37)

Haldar S, Beveridge AJ, Wong J, Singh A, Galimberti D, Borroni B, Zhu X, Blevins J, Greenlee J, Perry G, Mukhopadhyay CK, Schmotzer C, Singh N. A low-molecular-weight ferroxidase is increased in the CSF of sCJD cases: CSF ferroxidase and transferrin as diagnostic biomarkers for sCJD. *Antioxid Redox Signal* **19**:1662-1675, 2013.

Paley EL, Perry G. Sokolova O. Tryptamine induces axonopathy and mitochondriopathy mimicking neurodegenerative diseases via tryptophanyl-tRNA deficiency. *Curr Alzheimer Res* **10**:987-1004, 2013.(3)

Schrag M, Mueller C, Zabel M, Crofton A, Kirsch WM, Ghribi O, Squitti R, Perry G. Oxidative stress in blood in Alzheimer's disease and mild cognitive impairment: a meta-analysis. *Neurobiol Dis* **59**:100-110, 2013.

Jarero-Basulto JJ, Luna-Muñoz J, Mena R, Kristofikova Z, Ripova D, Perry G, Binder LI, Garcia-Sierra F. Proteolytic cleavage of polymeric tau protein by caspase-3: implications for Alzheimer disease. *J Neuropathol Exp Neurol* **72**:1145-1161, 2013.

Bonda DJ, Stone JG, Torres SL, Siedlak SL, Perry G, Kryscio R, Jicha G, Casadesus G, Smith MA, Zhu X, Lee H-g. Dysregulation of leptin signaling in Alzheimer disease: evidence for neuronal leptin resistance. *J Neurochem* **128**:162-172, 2014.(19)

Mohorovic L, Lavezzi AM, Stifter S, Perry G, Malatestinic D, Micovic V, Materljan E, Haller H, Petrovic O. Methemoglobinemia—a biomarker and a link to ferric iron accumulation in Alzheimer's disease. *Adv Biosci Biotechnol* **5**:12-18, http://dx.doi.org/10.4236/abb.2014.51003, 2014.

Johnston JM, Hu WT, Fardo DW, Greco SJ, Perry G, Montine TJ, Trojanowski JQ, Shaw LM, Ashford JW, Tezapsidis N. Low plasma leptin in cognitively impaired ADNI subjects: gender differences and diagnostic and therapeutic potential. *Curr Alzheimer Res* **11**:165-174, 2014.(15)

Mondragón-Rodríguez S, Perry G, Luna-Muñoz J, Acevedo-Aquino MC, Williams S. Phosphorylation of tau protein at sites Ser³⁹⁶⁻⁴⁰⁴ is one of the earliest events in Alzheimer's disease and Down syndrome. *Neuropathol Appl Neurobiol* **40**:121-135, 2014.

Blair JA, Siedlak SL, Wolfram JA, Nunomura A, Castellani RJ, Ferreira ST, Klein WL, Wang Y, Casadesus G, Smith MA, Perry G, Zhu X, Lee H-g. Accumulation of intraneuronal amyloid-β is common in normal brain. *Curr Alzheimer Res* **11**:317-324, 2014.(4)

Xia J, Rocke DM, Perry G, Ray M. Differential network analyses of Alzheimer's disease identify early events in Alzheimer's disease pathology. *Int J Alzheimer's Dis* **2014**:18 pages, doi:10.1155/2014/721453, 2014.

Ruegner CN, Benton M, Dunsmore N, Perry G, Castellani RJ. Colonic adenocarcinoma of a neovagina in a patient with mullerian agenesis. *Reprod Syst Sex Disord* **3**: 3 pages, doi: 10.4172/2161-038X.1000138, 2014.

Phelix CF, Villareal G, LeBaron RG, Perry G, Roberson DJ. Precision medicine using individualized biosimulations of drug dosing: Alzheimer's disease, *2014 Health Innovations and Point-of-Care Technologies Conferenc*, pp.292-295, 2014.

Fawver JN, Ghiwot Y, Koola C, Carrera W, Rodriguez-Rivera J, Hernandez C, Dineley KT, Kong Y, Li J, Jhamandas J, Perry G, Murray IVJ. Islet amyloid polypeptide (IAPP): a second amyloid in Alzheimer's disease, *Curr Alzheimer Res* **11**:928-940, 2014.(4)

Fornicola W, Pelcovits A, Li B-X, Heath J, Perry G, Castellani RJ. Alzheimer disease pathology in middle age reveals a spatial-temporal disconnect between amyloid-β and phosphorylated tau, *Open Neurol J* 8:22-26, 2014.

Hammack C, Perry G, LeBaron R, Villareal G, Phelix C. Low dose Pioglitazone attenuates oxidative damage in early Alzheimer's disease by binding mitoNEET: transcriptome-to-reactomeTM biosimulation of neurons. *Intl J Knowledge Discovery Bioinformatics* **5**:24-46, 2015.

Bowen RL, Perry G, Xiong C, Smith MA, Atwood CS. A clinical study of Lupron depot in the treatment of women with Alzheimer's disease: preservation of cognitive function in patients taking an acetylcholinesterase inhibitor and treated with high dose Lupron over 48 weeks. *J Alzheimers Dis* **44**:549-560, 2015.(1)

Calderón-Garcidueñas L, Gónzalez-Maciel A, Vojdani A, Franco-Lira M, Reynoso-Robles R, Montesinos-Correa H, Pérez-Guillé B, Sarathi-Mukherjee P, Torres-Jardón R, Calderón-Garcidueñas A, Perry G. The intestinal barrier in air pollution-associated neural involvement in Mexico City residents: mind the gut, the evolution of a changing paradigm relevant to Parkinson disease risk. *J Alzheimer's Dis Parkinsonism* 5: http://dx.doi.org/10.4172/2161-0460.1000179, 2015.

Pelcovits A, Marriotti R, Heath J, Perry G, Castellani RJ. Simultaneous onset of Alzheimer's disease in a husband and wife in their mid- fifties: what do we really know about environmental factors? *Open Neurol J* **9**:1-3, 2015.

Zhang F, Su B, Wang C, Siedlak SL, Mondragon-Rodriguez S, Lee H-g, Wang X, Perry G, Zhu X. Posttranslational modifications of α-tubulin in *Alzheimer disease Translational Neurodegen* **4**:1-9, 2015.

Calderón-Garcidueñas L, Chao C-k, Thompson C, Rodríguez-Díaz J, Franco-Lira M, Mukherjee PS, Perry G. CSF biomarkers: low Amyloid- β 1-42 and BDNF and high IFN γ differentiate children exposed to Mexico City high air pollution V controls. Alzheimer's disease uncertainties. *J Alzheimer's Dis Parkinsonism* **5**: http://dx.doi.org/10.4172/2161-0460.1000189, 2015.

Zhang F, Wang W, Siedlak SL, Liu Y, Liu J, Jiang K, Perry G, Zhu X, Wang X. Miro1 deficiency in amyotrophic lateral sclerosis. *Frontiers in Aging Neurosci* **7**:8 pages, http://dx.doi.org/10.3389/fnagi.2015.00100, 2015.

Rodriguez AR, Plascencia-Villa G, Witt CM, Yu J-J, José-Yacamán J, Chambers JP, Perry G, Guentzel MN, Arulanandam BP. Chlamydia pneumoniae promotes dysfunction of pancreatic beta cells. *Cell Immunol* **295**:83-91, 2015.

Calderón-Garcidueñas L, Franco-Lira M, D'Angiulli A, Rodríguez-Díaz J, Blaurock-Busch E, Busch Y, Chao C-k, Thompson C, Mukherjee PS, Torres-Jardón R, Perry G. Mexico City normal weight children exposed to high concentrations of ambient PM2.5 show high blood leptin and endothelin-1, vitamin D deficiency, and food reward hormone dysregulation versus low pollution controls. *Relevance for obesity and Alzheimer disease. Environmental Res* **140**:579-592, 2015. (1)

Gereñu G, Liu K, Chojnacki JE, Saathoff J, Martinez-Martin P, Perry G, Zhu X Lee H-g, Zhang S. Curcumin/melatonin hybrid, 5-(4-hydroxy-phenyl)-3-oxo-pentanoic acid [2-(5-methoxy-1H-indol-3-yl)-ethyl]-amide, ameliorates AD-like pathology in the APP/PS1 mouse model. *ACS Chem Neurosci* **8**:1393-1399, 2015.

Spremo-Potparevic B, Bajic V, Perry G, L Zivkovic. Alterations of the X chromosome in lymphocytes of Alzheimer's disease patients. *Curr Alz Res* **12**:990-996, 2015.

Yu L, Rodriguez RA, Chen LL, Chen LY, Perry G, McHardy SF, Yeh C-k. 1,3-Propanediol binds deep inside the channel to inhibit water permeation through aguaporins. *Protein Science* **2016**:433-441, 2016.(1)

Wang C, Zhang F, Jiang S, Siedlak SL, Shen L, Perry G, Wang X, Tang B, Zhu X. Estrogen receptor-α is localized to neurofibrillary tangles in Alzheimer's disease. *Scientific Reports* **6**: doi:10.1038/srep20352, 2016.

Martín-Maestro P, Gargini R, Perry G, Ávila J, García-Escudero V. PARK2 enhancement is able to compensate mitophagy alterations found in sporadic Alzheimer's disease. *Human Molecular Genetics* **25**:792-806, 2016.

Forero DA, González-Giraldo Y, López-Quintero C, Castro-Vega LJ, Barreto GE, Perry G. Telomere length in Parkinson's Disease: a meta-analysis. *Experimental Gerontology* **75**:53-55, 2016.

Kelley AR, Perry G, Castellani RJ, Bach SBH. Laser-induced in-source decay applied to the determination of Amyloid-Beta in Alzheimer's brains. *ACS Chemical Neurosci* **7**:261-268, 2016.

Calderón-Garcidueñas L, Reynoso-Robles R, Vargas-Martínez J, Gómez-Maqueo-Chew A, Pérez-Guillé B, Mukherjee PS, Torres-Jardón R, Perry G, Gónzalez-Maciel A. Prefrontal white matter pathology in air pollution exposed Mexico City young urbanites and their potential impact on neurovascular unit dysfunction and the development of Alzheimer's disease. *Environmental Res* **146**:404-417, 2016.

Ontiveros-Torres MA, Labra-Barrios ML, Díaz-Cintra S, Aguilar-Vázquez RA, Moreno-Campuzano S, Flores-Rodríguez P, Luna-Herrera C, Mena R, Perry G, Florán-Garduño B, Luna-Muñoz J, Luna-Arias JP. Fibrillar Amyloid-beta accumulation triggers an inflammatory mechanism leading to hyperphosphorylation of the carboxylterminal end of tau polypeptide in the hippocampal formation of the 3xTg-AD transgenic mouse. *J Alzheimer's Dis* **52**:243-269, 2016.

Plascencia-Villa G, Ponce A, Collingwood JR, Arellano-Jiménez MJ, Zhu X, Rogers JT, Betancourt I, José-Yacaman M, Perry G. High-resolution analytical imaging and electron holography of magnetite particles in amyloid cores of Alzheimer's disease. *Scientific Reports* **6**:24873 doi:1010.1038/srep24873, 2016.

Castellani RJ, Perry G, Mojica G. The role of the iron stain in assessing intracranial hemorrhage. *Open Neurol J* **10**:136-142, 2016.

Aryan N, Betts-Obregon BS, Perry G, Tsin AT.Oxidative stress induces senescence in cultured RPE cells. *Open Neurol J* **10**:83-87, 2016..

Forero DA, González-Giraldo Y, López-Quintero C, Castro-Vega LJ, Barreto GE, Perry G. Meta-analysis of telomere length in Alzheimer's disease. *Journals of Gerontology: Medical Sciences* **71**:1069-1073, 2016.

Herrera L, Stephens DE, D'Avila A, George KG, Arman H, Zhang Y, Perry G, Lleonart R, Larionov OV, Fernández. Insights into the structural patterns of the antileishmanial activity of bi- and tricyclic N-heterocycles. *Organic & Biomolecular Chem* **14**:7053-7060, 2016.

Sharoar MG, Shi Q, Ge Y, He W, Hu X, Perry G, Zhu X, Yan R. Dysfunctional tubular endoplasmic reticulum constitutes a pathological feature of Alzheimer's disease. *Molecular Psychiatry* **21**:1263-1271, 2016.

Kelley AR, Perry G, Bethea C, Castellani RJ, Bach SBH. Molecular mapping Alzheimer's disease: MALDI imaging of formalin-fixed, paraffin-embedded human hippocampal tissue. *Open Neurol J* **10**:88-98, 2016.

Forero DA, Prada CF, Perry G. Functional and genomic features of human genes mutated in neuropsychiatric disorders. *Open Neurol J* **10**:143-148, 2016.

Manassero G, Guglielmotto M, Zamfir R, Borghi R, Colombo L, Salmona M, Perry G, Odetti P, Arancio O, Tamagno E, Tabaton M. Beta amyloid 1-42 monomers produce PHF-like conformation of Tau protein. *Aging Cell* **15**:914-923, 2016.

Rueli RHLH, Torres DJ, Dewing AST, Kiyohara AC, Bellinger MT, Uyehara-Lock JH, White LR, Moreira PI, Berry MJ, Perry G, Bellinger FP. Selenoprotein S reduces Endoplasmic Reticulum stress-induced phosphorylation of Tau: potential role in selenite mitigation of Tau pathology. *J Alzheimer's* Dis **55**:749-762, 2017.

Rodriguez RA, Chen LY, Plascencia-Villa G, Perry G. Elongation affinity, activation barrier, and stability of Aβ42 oligomers/fibrils in physiological saline. *Biochemical and Biophysical Research Communication* **487**:444-449, 2017.

Doens D, Valiente PA, Mfuh AM, Vo AXT, Tristan A, Carreño L, Quijada M, Nguyen VT, Perry G, Larionov OV, Lleonart R, Fernández PL. Identification of inhibitors of CD36-Amyloid beta binding as potential agents for Alzheimer's disease, *ACS Chem Neurosci* 8:1232-1241, 2017.

Siedlak SL, Jiang Y, Huntley ML, Wang L, Gao J, Xie F, Liu J, Su B, Perry G, Wang X. TMEM230 accumulation in granulovacuolar degeneration bodies and dystrophic neurites of Alzheimer's disease, *J Alzheimer's Dis* **58**:1027-1033, 2017.

Phelix CF, Bourdon AK, Dugan J, Villareal G, Perry G. MSDC-0160 and MSDC-0602 Binding with Human Mitochondrial Pyruvate Carrier (MPC) 1 and 2 Heterodimer. *IJKDB* 7:43-67, 2017.

Bourdon AK, Villareal G, Perry G, Phelix, CF. Alzheimer's and Parkinson's Disease Novel Therapeutic Target: The Mitochrondrial Pyruvate Carrier - ligand docking to screen natural compounds related to classic inhibitors. *IJKDB* **7**:68-82, 2017.

Cornejo A, Sandoval FA, Caballero L, Machuca L, Muñoz P, Caballero J, Perry G, Ardiles A, Areche C, Melo F. Rosmarinic acid prevents fibrillization and diminishes vibrational modes associated to β sheet in tau protein linked to Alzheimer's disease, *J Enzyme Inhib Med Chem* **32**:945-953, 2017.

Barh D, García-Solano ME, Jain N, Bhattacharya A, García-Solano J, Torres-Moreno D, Tiwari S, Farri B, Gupta KK, Kamapantula B, Nalluri J, Silva A, Azevedo V, Ghosh P, Conesa-Zamora P, Blum K, Perry G. BARHL1 is downregulated in Alzheimer's disease and may regulate cognitive functions through ESR1 and multiple pathways. *Genes* **8**:1-20, 2017.

Henderson LE, Abdelmegeed M, Yoo SH, Rhee SG, Zhu X, Smith MA, Nguyen RQ, Perry G, Song B-J. Enhanced phosphorylation of Bax and its translocation into mitochondria in the brains of individuals affiliated with Alzheimer's disease, *Open Neurol J* 11:48-58, 2017...

Martín-Maestro P, Gargini R, Perry G, Ávila J, García-Escudero V. Slower dynamics and aged mitochondria in sporadic Alzheimer's disease. *Oxid Med Cell Longev* **2017**:1-14, 2017.

Wang W, Yin J, Ma X, Zhao F, Siedlak SL, Wang Z, Fujioka H, Xu Y, Perry G, Zhu X. Inhibition of mitochondrial fragmentation protects against Alzheimer's disease in rodent model. *Hum Mol Gen* **26**:4118-4131, 2017.

Wambo T, Chen L, Phelix CF, Perry G. Affinity and path of binding xylopyranose unto E. coli xylose permease. *Biochem Biophys Res Commun* **494**:202-206, 2017.

Kelley A, Colley M, Perry G, Bach SBH. Incubation with Cu(II) and Zn(II) salts enhances MALDI-TOF mass spectra of amyloid-beta and α-synuclein toward in-vivo analysis. *J Mass Spectrom* **53**:162-171, 2017.

Manyevitch R, Protas M, Scarpiello S, Deliso M, Bass B, Nanajian A, Chang M, Thompson SM, Khoury N, Trotz M, Moore B, Harms E, Clunes L, Friederich JO, Ortiz A, Perry G, Murray IVJ. Evaluation of metabolic and synaptic dysfunction hypotheses of Alzheimer's disease (AD): A meta-analysis of CSF markers. *Curr Alzheimer Res* **15**:164-181, 2018.

Everett J, Collingwood J, Tjendana-Tjhin V, Plascencia-Villa G, Hands-Portman I, Dobson J, Tyliszczak T, Perry G, Telling ND. Nanoscale synchtron X-ray speciation of ferrous iron and calcium compounds in amyloid plaque cores from Alzheimer's disease subjects. *Nanoscale*, (in press)

Zabel M, Nackenoff A, Kirsch WM, Harrison FE, Perry G, Schrag M. Markers of oxidative damages to lipids, nuceic acids and proteins and antioxidant enzymes activities in Alzheimer's disease brain: a meta-analysis from human pathological specimens. *Free Rad Biol Med* **115**:351-360, 2018.

Kelley AR, Perry G, Bach SBH. Characterization of species present in isolated senile plaques by MALDI TOF MS and LIFT TOF/TOF MS/MS. ACS Chemical Neurosci. (ePub)

Rodriguez RA, Chen LY, Plascencia-Villa G, Perry G. Thermodynamics of Amyloid-β fibril elongation: atomistic details of the transition state. *ACS Chemical Neurosci.* (ePub)

Reale M, D'Angelo CD, Costantini E, Di Nicola M, Yarla NS, Kamal MA, Salvador N, Perry G. Expression profiling of cytokine, cholinergic markers and amyloid β deposition in the APPswe/PS1dE9 mouse model of Alzheimer's disease pathology. *J Alzheimer's Dis* **62**:467-476, 2018.

Pérez-Ibave DC, Rodríguez-Sánchez IP, Garza-Rodríguez ML, Pérez-Maya AA, Luna M, Arámburo C, Tsin A, Perry G, Mohamed-Noriega K, Mohamed-Noriega J, Cavazos-Adame H, Mohamed-Hamsho J, Barrera-Saldaña HA. Expression of growth hormone gene in baboon eye. *Exp Eye Res* **169**:157-169, 2018.

Zhu X, Perry G, Wang X. PS1 deficiency causes abnormal mitochondrial dynamics and dysfunction. (submitted). Beaird H, Bowen RL, Nguyen RQ, Perry G, Smith MA, Diaz M, Rimm AA. Gonadotropin therapy in dementia supported by Medicare data. *J Alzheimer's Dis.* (in press)

Mohammadi A, Maleki-Jamshid A, Sanooghi D, Rahmani A, Milan PB, Rahmani A, Sefat F, Shahpasand K, Soleimani M, Bakhtiari M, Belali R, Faghihi F, Joghataei MT, Perry G, Mozafari M. Transplantation of human chorion-derived cholergic progenic cells: a novel treatment for neurological disorders. *Mol Neurobiol* (in print)

Jiang S, Nandy P, Wang W, Ma X, Hsia J, Wang C, Wang Z, Niu M, Siedlak SL, Torres S, Fujioka H, Xu Y, Lee H-g, Liu J, Perry G, Zhu X. Mfn2 ablation causes an oxidative stress response and eventual neuronal death in the hippocampus and cortex. *Mol Neurodegener* **13**:5 pages, 2018.

Mondragon-Rodriguez S, Gonzalez-Pereyra P, Salas-Gallardo A, Macias M, Ordaz B, Pena-Ortega F, Aguilar-Vazquez A, Orta-Salazar E, Diaz-Cintra S, Perry G, Williams S. Phosphorylation of tau protein modulates hippocampal theta oscillations and prevents epileptiform activity. (Submitted)

Liang H, Bourdon A, Chen L, Phelix C, Perry G. Gibbs free energy gradient along the path of glucose transport through human glucose transporter 3. ACS Chem Neurosci (submitted)

Wang L, Gao J, Siedlak SL, Torres S, Jiang Y, Xie F, Liang J, Fujioka H, Nosek T, Perry G, Li H, Wang X. Mitofusion 2 is a calpastatin-dependent checkpoint for neuromuscular synapse maintenance. 2017. (submitted)

Yan T, Wang L, Gao J, Siedlak SL, Huntley ML, Termsarasab P, Perry G, Chen SG, Wang X. Rab10 phosphorylation is a prominent pathological feature in Alzherimer's disease. *J Alzheimer's Dis* (in press)

Chen LY, Perry G. Erythritol inhibits Plasmodium berghei by clogging up the conducting pore of PbAQP. (submitted)

Book Chapters/Invited Papers/Letters to Editor/Book Reviews (partial list of 816 total)

Aliev G, Cobb CJ, Pacheco G, Shenk JC, Moreira PI, Morales LA, Fischbach K, Gasimov E, Perry G. The role of oxidative stress and vasoactive substances in the pathophysiology of Alzheimer's disease. In: *Biomarkers for Early Diagnosis of Alzheimer's Disease*, Galimberti D, Scarpini E, Eds, Nova Science Publishers, Inc., Hauppauge, New York, 2008, pp 241-263.

Moreira PI, Smith MA, Zhu X, Nunomura A, Perry G. The potential application of antioxidant agents in Alzheimer disease therapeutics. In: *Pharmacological Mechanisms in Alzheimer's Therapeutics*, Cuello AC, Ed, Springer Press, New York, New York, 2008, pp 194-211.

Nunomura A, Moreira PI, Zhu X, Cash AD, Smith MA, Perry G. Role of oxidative insult and neuronal survival in Alzheimer's and Parkinson's diseases. In: *Advances in Alzheimer's and Parkinson's Disease*, Fisher A, Memo M, Stocchi F, Hanin I, Eds, Springer Press, New York, New York, 2008, pp 133-148.(1)

Zhu X, Perry G, Smith MA. Two hits and you're out? A novel mechanistic hypothesis of Alzheimer disease. In: *Advances in Alzheimer's and Parkinson's Disease*, Fisher A, Memo M, Stocchi F, Hanin I, Eds, Springer Press, New York, New York, 2008, pp 191-204.(4)

Zhu X, Casadesus G, Webber KM, Atwood CS, Bowen RL, Perry G, Smith MA. Parallels between neurodevelopment and neurodegeneration: a case study of Alzheimer's disease. In: *Handbook of Neurochemistry and Molecular Neurobiology: Developmental and Aging Changes in the Nervous System*, Lajtha A, Perez-Polo JR, Rossner S, Eds, Springer Science+Business Media, LLC, Philadelphia, Pennsylvania, 2008, pp 147-155.

Sayre LM, Perry G, Smith MA. Oxidative stress and neurotoxicity. Chem Res Tox 21:172-188, 2008.(91)

Perry G, Castellani RJ, Moreira PI, Lee H-g, Zhu X, Smith MA. Pathology's new role: defining disease process and protective responses. *Int J Clin Exp Pathol* **1**:1-4, 2008.(3)

Moreira PI, Santos MS, Oliveira CR, Shenk JC, Nunomura A, Smith MA, Zhu X, Perry G. Alzheimer disease and the role of free radicals in the pathogenesis of the disease. *CNS Neurol Disord Drug Targets* **7**:3-10, 2008.(70)

Casadesus G, Rolston RK, Webber KM, Atwood CS, Bowen RL, Perry G, Smith MA. Menopause, estrogen, and gonadotropins in Alzheimer's disease. *Adv Clin Chem* **45**:139-153, 2008.(8)

Klionsky DJ, Abeliovich H, Agostinis P, et al. Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. *Autophagy* **4**:151-175, 2008.(1359)

Perry G, Nunomura A, Moreira PI, Castellani RJ, Lee H-g, Zhu X, Smith MA. Comment: Alzheimer in the wind. *Alzheimer Research Forum*, 2008, http://www.alzforum.org/res/for/journal/detail.asp?livelD=162

Castellani RJ, Zhu X, Lee H-G, Perry G, Smith MA, Casadesus G. Neurogenesis in human hippocampus: implications for Alzheimer disease pathogenesis. *Neuroembryol Aging* **4**:175-182, 2008.

Joseph JA, Smith MA, Perry G, Shukitt-Hale B. Nutrients and food constituents in cognitive decline and neurodegenerative disease. In: *Nutrition in the Prevention and Treatment of Disease,* 2nd edition, Coulston AM, Boushey CJ, Eds, Elsevier, Inc., San Diego, California, 2008, pp 269-287.

Perry G, Zhu X, Babar AK, Siedlak SL, Yang Q, Ito G, Iwatsubo T, Smith MA, Chen SG. Leucine-rich repeat kinase 2 colocalizes with α-synuclein in Parkinson's disease, but not tau-containing deposits in tauopathies. *Neurodegener Dis* **5**:222-224, 2008.(15)

Evans TA, Siedlak SL, Lu L, Fu X, Wang Z, McGinnis WR, Fakhoury E, Castellani RJ, Hazen SL, Walsh WJ, Lewis AT, Salomon RG, Smith MA, Perry G, Zhu X. The autistic phenotype exhibits a remarkably localized modification of brain protein by products of free radical-induced lipid oxidation. Chauhan A, Ed, Chauhan V, Perry G, Associate Eds. *Am J Biotechnol Biochem* **4**:61-72, 2008.

Smith MA, Castellani RJ, Lee H-g, Nunomura A, Zhu X, Perry G. Comment: Amyloid-β: the beginning of the end and the end of the beginning. *Alzheimer Research Forum*, 2008,

http://www.alzforum.org/new/detail.asp?id=1795#{5540F949-E476-42E1-B8F9-252429E71853}.

Moreira PI, Nunomura A, Nakamura M, Takeda A, Shenk JC, Aliev G, Smith MA, Perry G. Nucleic acid oxidation in Alzheimer disease. *Free Rad Biol Med* **44:**1493-1505, 2008.(89)

Shah RS, Lee H-G, Xiongwei Z [sic], Perry G, Smith MA, Castellani RJ. Current approaches in the treatment of Alzheimer's disease. *Biomed Pharmacother* **62**:199-207, 2008.(79)

Castellani RJ, Nunomura A, Rolston RK, Moreira PI, Takeda A, Perry G, Smith MA. Sublethal RNA oxidation as a mechanism for neurodegenerative disease. *Int J Mol Sci* **9**:789-806, 2008.(27)

Smith MA, Nunomura A, Moreira P, Zhu X, Castellani RJ, Lee H-g, Perry G. Comment: Oxidative stress and amyloid-β: a stop sign, not a vicious cycle. *Alzheimer Research Forum*, 2008,

http://www.alzforum.org/pap/annotation.asp?powID=76834#{4CD74F2E-E73A-46DE-8E1F-FE0481252AB6.

Smith MA, Castellani RJ, Moreira PI, Nunomura A, Lee H-g, Zhu X, Perry G. Comment: Amyloid in normal people: quelle surprise! *Alzheimer Research Forum*, 2008,

http://www.alzforum.org/new/detail.asp?id=1805#{B652AA0F-2E0B-4EE1-A7BD-BA26308B7C38}.

Smith MA, Castellani RJ, Moreira PI, Nunomura A, Lee H-g, Zhu X, Perry G. Comment: No justification in moving from treatment to prevention. *Alzheimer Research Forum*, 2008,

http://www.alzforum.org/pap/annotation.asp?powID=77114#{56961F36-3ACE-4E59-9269-CB665B757D35}.

Aliev G, Gasimov E, Obrenovich ME, Fischbach K, Shenk JC, Smith MA, Perry G. Atherosclerotic lesions and mitochondria DNA deletions in brain microvessels: implication in the pathogenesis of Alzheimer's disease. *Vasc Health Risk Manag* **4**:721-730, 2008.

Castellani RJ, Lee H-g, Zhu X, Perry G, Smith MA. Alzheimer disease pathology as a host response. *J Neuropathol Exp Neurol* **67**:523-531, 2008.(89)

Bryan K, Lee H-g, Perry G, Castellani RJ, Smith MA, Casadesus G. Nonestrogen-based hormonal therapies for Alzheimer's disease. *Future Neurol* **3**:399-407, 2008.

Gonzalez-Cuyar LF, Morrison AL, Perry G, DeJong JJ, Smith MA, Castellani RJ. Cerebrotendinous xanthomatosis: a critical update. *Future Neurol* **3**:491-501, 2008.

Smith MA, Zhu X, Lee H-g, Castellani RJ, Avila J, Tabaton M, Sayre LM, Perry G. Comment: Peroxidation in Alzheimer disease: time to put the ducks in a row. *Alzheimer Research Forum*, 2008,

http://www.alzforum.org/pap/annotation.asp?powID=78667#{7F7A6308-E9D1-4412-B140-4B6E20D68FF7}.

Castellani RJ, Perry G, Zhu X, Lee H-g, Smith MA. Comment: 1911 to 2008: the dismal progress of knowledge in Alzheimer's disease research. *Alzheimer Research Forum*, 2008,

http://www.alzforum.org/new/detail.asp?id=1871#{01A37E03-AA6A-43B6-8776-282A73663C1D}.

Castellani RJ, Perry G, Zhu X, Lee H-g, Smith MA. Comment: The next phase: prevention. Where do I sign up? Alzheimer Research Forum, 2008, http://www.alzforum.org/new/detail.asp?id=1879#{7795CA3C-E27F-40F7-A0D5-C0FAB8E9E016}.

Avila J, Perry G, Smith M. Preface: is tau aggregation toxic or protective? J Alzheimers Dis 14:363, 2008.

Castellani RJ, Nunomura A, Lee H-g, Perry G, Smith MA. Phosphorylated tau: toxic, protective, or none of the above. *J Alzheimers Disease* **14**:377-383, 2008.(38)

Aliev G, Shenk JC, Fischbach K, Perry G. Stem cell niches as clinical targets: the future of anti-ischemic therapy? *Nat Clin Pract Cardiovasc Med* **5**:590-591, 2008.(5)

Marlatt MW, Lucassen PJ, Perry G, Smith MA, Zhu X. Alzheimer's disease: cerebrovascular dysfunction, oxidative stress, and advanced clinical therapies. *J Alzheimers Dis* **15**:199-210, 2008.(37)

Nunomura A, Smith MA, Perry G. RNA oxidation in neurodegenerative diseases: sublethal damage as a mechanism for chronic degeneration. *Yamanashi Med J* **23**:75-95, 2008.

Aliev G, Obrenovich ME, Reddy VP, Shenk JC, Moreira PI, Nunomura A, Zhu X, Smith MA, Perry G. Antioxidant therapy in Alzheimer's disease: theory and practice. *Mini Rev Med Chem* **8**:1395-1406, 2008.(47)

Rolston RK, Perry G, Zhu X, Castellani RJ, Dwyer BE, Lee H-G, Petersen RB, Smith MA. Iron: a pathological mediator of Alzheimer disease? *Agro Food Ind Hi-Tech* **19**:33-36, 2008.(1)

Perry G. Avances en la enfermedad de Alzheimer (Spanish). Ciencia Conocimiento Technología, Numero 83, p. 63-65, 2008.

Perry G, Aliev G, Moreira P, Siedlak SL, Smith MA, Cobb CJ, Ferrer D, José Yacaman M. *En la enfermedad de Alzheimer: evidencia de aumento de cobre y hierro en el sistema: autofagosoma-lisosoma* (Spanish). *Biotechnologia Para La Salud*, Numero 85, p. 32, 2008.

Castellani RJ, Lee H-G, Nunomura A, Zhu X, Perry G, Smith MA. Protein misfolding in Alzheimer's disease: pathogenic or protective? In: *Protein Misfolding in Neurodegenerative Diseases: Mechanisms and Therapeutic Strategies*, Smith HJ, Simons C, Sewell RDE, Eds, CRC Press, Taylor & Francis Group, Boca Raton, Florida, 2008, pp 327-335.(4)

Pallas M, Camins A, Smith MA, Perry G, Lee H-g, Casadesus G. From aging to Alzheimer's disease: unveiling "the switch" with the senescence-accelerated mouse model (SAMP8). *J Alzheimers Dis* **15**:615-624, 2008.(76)

Su B, Wang X, Nunomura A, Moreira PI, Lee H-g, Perry G, Smith MA, Zhu X. Oxidative stress signaling in Alzheimer's Disease. *Curr Alz Res* **5**:525-532, 2008.(89)

Perry G, Zhu X, Nunomura A, Moreira P, Smith MA. Reactive oxygen: its sources and significance in Alzheimer disease. *Slide World*, 2008, http://www.slideworld.org/slideshow.aspx/Reactive-oxygen-its-sources-and-significance-in-A-305257.

Bryan KJ, Lee H-g, Perry G, Smith MA, Casadesus G. Transgenic mouse models of Alzheimer's disease: behavioral testing and considerations. In: *Methods of Behavior Analysis in Neuroscience*, 2nd Edition, Buccafusco JJ, Ed, Taylor & Francis Group, Boca Raton, Florida, 2009, pp 1-18.

Casadesus G, Bryan KJ, Perry G, Smith MA. Involvement of gonadotropins in cognitive function: implications for Alzheimer's disease. In: *Hormones, Cognition and Dementia: State of the Art and Emergent Therapeutic Strategies*, Hogervorst E, Henderson VW, Gibbs RB, Brinton RD, Eds, Cambridge University Press, Cambridge, United Kingdom, 2009, pp 251-258.

Gonzalez-Cuyar LF, Tavora F, Caminha I, Perry G, Smith MA, Castellani RJ. Cellular respiration and tumor suppressor genes. In: *Cellular Respiration and Carcinogenesis*, Apte SP, Sarangarajan R, Eds, Humana Press, Springer Science+Business Media, LLC, Totowa, New Jersey, 2009, pp 131-144.

Moreira PI, Nunomura A, Zhu X, Lee H-G, Aliev G, Smith MA, Perry G. Alzheimer disease: oxidative stress and compensatory responses. In: *Oxidative Neural Injury*, Veasey SC, Ed, Humana Press, Springer Science+Business Media, LLC, Totowa, New Jersey, 2009, pp 109-120.

Petersen RB, Nunomura A, Lee H-g, Casadesus G, Perry G, Smith MA, Zhu X. Oxidative stress associated signal transduction cascades in Alzheimer disease. In: *Oxidative Neural Injury*, Veasey SC, Ed, Humana Press, Springer Science+Business Media, LLC, Totowa, New Jersey, 2009, pp 121-136.

Moreira PI, Zhu X, Smith MA, Perry G. Alzheimer's disease: an overview. In: *Encyclopedia of Neuroscience*, Vol. 1, Squire LR, Ed, Elsevier Ltd, Amsterdam, The Netherlands, 2009, pp 259-263.

Reddy VP, Perry G, Smith MA. Brain composition: age-related changes. In: *Encyclopedia of Neuroscience*, Vol. 2, Squire LR, Ed, Elsevier Ltd, Amsterdam, The Netherlands, 2009, pp 313-316.

Reddy VP, Perry G, Smith MA. Brain composition: age-related changes. In: *Handbook of the Neuroscience of Aging,* Hof PR, Mobbs CV, Eds, Academic Press, Oxford, United Kingdom, 2009, pp 39-42.

Moreira PI, Zhu X, Smith MA, Perry G. Alzheimer's disease: an overview. In: *Handbook of the Neuroscience of Aging,* Hof PR, Mobbs CV, Eds, Academic Press, Oxford, United Kingdom, 2009, pp 389-393.

Moreno FJ, Santa-Maria I, Smith MA, Perry G, Avila J. Aging, oxidative stress, tau and Alzheimer disease. In: *The Role of Oxidative Stress, Mitochondria Failure and Cellular Hypoperfusion in the Pathobiology of Alzheimer's Disease,* Aliev G, Herrera AS, Bragin V, Leszek J, LaManna JC, Eds, Research Signpost, Kerala, India, 2009, pp 83-96.

Nunomura A, Takeda A, Moreira PI, Castellani RJ, Lee H-g, Zhu X, Smith MA, Perry G. Neurofibrillary tangle formation as a protective response to oxidative stress in Alzheimer's disease. In: *Current Hypotheses and Research Milestones in Alzheimer's Disease*, Maccioni RB, Perry G, Eds, Springer Science+Business Media, LLC, Berlin, Heidelberg, 2009, pp 103-113.(1)

Ramiro-Puig E, Castell M, McShea A, Perry G, Smith MA, Casadesus G. Food antioxidants and Alzheimer's disease. In: *Micronutrients and Brain Health*, Packer L, Sies H, Eggersdorder M, Cadenas E, Eds, CRC Press, Taylor & Francis Group, Boca Raton, Florida, 2009, pp 41-49.(7)

Castellani RJ, Perry G, Smith MA. Is Alzheimer's disease a myth? When is disease a disease? *Curr Alzheimer Res* **6**:82, 2009.

Saper CB, Maunsell JHR, Destexhe A, Richmond B, Campagnoni A, Sarter M, Fritschy J-M, Saper C, Bloom FE, Perry G, Smith MA, Maunsell J, Ascoli G, Eichenbaum H, Greenamyre JT, Krystal J, Zilles K, Zaborszky L, Byrne JH, Blumberg M, Lumsden A, Harris B, Sanes J, Wang R, Eatock RA, Gilman S, Frangou S, Sagvolden T, Ottersen OP, Lisberger S, Poznanski RR, Simons RF. The neuroscience peer review consortium. *J Alzheimers Dis* **16**:445-447, 2009.(1)

Lee H-g, Casadesus G, Zhu X, Castellani RJ, McShea A, Perry G, Petersen RB, Bajic V, Smith MA. Cell cycle reentry mediated neurodegeneration and its treatment role in the pathogenesis of Alzheimer's disease. *Neurochem Intern* **54**:84-88, 2009.(59)

Perry G, Zhu X, Moreira PI, Smith MA. Altered redox balance in disease: can we change the new equilibria? *Ann Neurol* **65**:121-123, 2009.(8)

Castellani R, Lee H-P, Lee H-g, Nunomura A, Perry G, Smith MA, Zhu X. Comment: HSV, amyloid, and Alzheimer disease. *Alzheimer Research Forum*, 2009.

http://www.alzforum.org/pap/annotation.asp?powID=83081#{2F1BAC6A-17AA-45BF-AA6A-167F1D57F99C}.

Castellani RJ, Zhu X, Lee H-G, Smith MA, Perry G. Molecular pathogenesis of Alzheimer's disease: reductionist *versus* expansionist approaches. *Intern J Mol Sci* **10**:1386-1406, 2009.(21)

Liu G, Zhu X, Dwyer B, Castellani RJ, Lee H-g, Perry G, Smith MA. Comment: Chelation and neurodegenerative diseases: nanoparticles as proof of concept. *Alzheimer Research Forum*, 2009,

http://www.alzforum.org/pap/annotation.asp?powID=83081#{2F1BAC6A-17AA-45BF-AA6A-167F1D57F99C}

Tezapsidis N, Johnston JM, Smith MA, Ashford JW, Casadesus G, Robakis NK, Wolozin B, Perry G, Zhu X, Greco SJ, Sarkar S. Leptin: a novel therapeutic strategy for Alzheimer's disease. *J Alzheimers Dis* **16**:731-740, 2009.(65)

Reddy VP, Zhu X, Perry G, Smith MA. Oxidative stress in diabetes and Alzheimer's disease. *J Alzheimers Dis* **16**:763-774, 2009.(92)

Friedlich AL, Smith MA, Zhu X, Takeda A, Nunomura A, Moreira PI, Perry G. Oxidative stress in Parkinson's disease. *Open Pathol J* **3**:38-42, 2009.

Obrenovich ME, Morales LA, Cobb CJ, Shenk JC, Méndez GM, Fischbach K, Smith MA, Qasimov EK, Perry G, Aliev G. Insights into cerebrovascular complications and Alzheimer disease through the selective loss of GRK2 regulation. *J Cell Mol Med* **13**:853-865, 2009.(4)

Wang X, Su B, Zheng L, Perry G, Smith MA, Zhu X. The role of abnormal mitochondrial dynamics in the pathogenesis of Alzheimer's disease. *J Neurochem* **109** (Suppl 1):153-159, 2009.(119)

Hong H, Perry G, Sörgel F, Gedela S, Akulapalli S. Editorial: Journal of Bioequivalence and Bioavailability. *J Bioequiv Bioavailab* **1**:2 pages, doi:10.4172/jbb.1000001e, 2009.

Liu G, Men P, Perry G, Smith MA. Metal chelators coupled with nanoparticles as potential therapeutic agents for Alzheimer's disease. *J Nanoneurosci* **1**:42-55, 2009.

Nunomura A, Hofer T, Moreira PI, Castellani RJ, Smith MA, Perry G. RNA oxidation in Alzheimer disease and related neurodegenerative disorders. *Acta Neuropathol* **118**:151-166, 2009.(64)

Friedlich AL, Rolston RK, Zhu X, Marlatt MW, Castellani RJ, Nunomura A, Lee H-g, Casadesus G, Perry G, Smith MA. Treatment advances in Alzheimer's disease based on the oxidative stress model. *F1000 Med Rep* **1**:5 pages, doi:10.3410/M1-54, 2009.

Marlatt MW, Moreira PI, Lee H-g, Casadesus G, Castellani RJ, Takeda A, Nunomura A, Zhu X, Perry G, Smith MA. Therapeutic opportunities in Alzheimer disease: current concepts. *Front in Med Chem* **4**:767-788, 2009.

Casadesus G, Lee H-g, Moreira P, Perry G, Smith MA, Zhu X. Comment: Strengthening the links between amyloid-β, mitochondria and oxidative stress. *Alzheimer Research Forum*, 2009,

http://www.alzforum.org/pap/readmore.asp?commentID={BB6953EE-AE19-462F-9E14-33C58FE61053}.

Casadesus G, Lee H-g, Moreira P, Perry G, Smith MA, Zhu X. Comment: Uric acid: not just for gout anymore. *Alzheimer Research Forum*, 2009, http://www.alzforum.org/pap/annotation.asp?powID=91797#{0F6DFA58-9498-46B3-A1AC-46940ED154C3}. Carvalho C, Correia SC, Santos RX, Cardoso S, Moreira PI, Clark TA, Zhu X, Smith MA, Perry G. Role of mitochondrial-mediated signaling pathways in Alzheimer disease and hypoxia. J Bioenerg Biomembr 41:433-440, 2009.(19)

Castellani RJ, Lee H-q, Siedlak SL, Nunomura A, Hayashi T, Nakamura M, Zhu X, Perry G, Smith MA. Reexamining Alzheimer's disease: evidence for a protective role for amyloid-β protein precursor and amyloid-β. J Alzheimers Dis 18:447-452, 2009.(73)

Cardoso S, Correia S, Santos RX, Carvalho C, Santos MS, Oliveira CR, Perry G, Smith MA, Zhu X, Moreira PI. Insulin is a two-edged knife on the brain. J Alzheimers Dis 18:483-507, 2009.(35)

Crain BJ, Terry RD, Perry G. Meritorious contributions to neuropathology. J Neuropathol Exp Neurol 68:1244-1246, 2009.

Lee H-P, Casadesus G, Zhu X, Lee H-g, Perry G, Smith MA, Gustaw-Rothenberg K, Lerner A. All-trans retinoic acid as a novel therapeutic strategy for Alzheimer's disease. Expert Rev Neurother 9:1615-1621, 2009.

Perry G. Moreira PI, Siedlak SL, Nunomura A, Zhu X, Smith MA. Natural oxidant balance in Parkinson disease. Arch Neurol 66:1445, 2009.

Liu G, Men P, Perry G, Smith MA. Development of iron chelator-nanoparticle conjugates as potential therapeutic agents for Alzheimer disease. In: Progress in Brain Research, Vol. 180, Sharma HS, Ed, Elsevier B.V., Amsterdam, The Netherlands, 2009, pp 97-108.(8)

Cardoso S, Santos R, Correia S, Carvalho C, Zhu X, Lee H-G, Casadesus G, Smith MA, Perry G, Moreira PI. Insulin and insulin-sensitizing drugs in neurodegeneration: mitochondria as therapeutic targets. Pharmaceuticals **2**:250-286, 2009.

Bonda DJ, Wang X, Gustaw-Rothenberg KA, Perry G, Smith MA, Zhu X. Mitochondrial drugs for Alzheimer disease. Pharmaceuticals 2:287-298, 2009.

Bonda DJ, Castellani RJ, Lee H-g, Tabaton M, Casadesus G, Perry G, Zhu X, Smith MA. Down syndrome and Alzheimer disease: a "multi-hit" hypothesis based on multiple contributing factors resulting in pleotrophic consequences. In: Advances in Genetics Research, Vol. 2, Urbano KV, Ed, Nova Science Publishers, Inc., Hauppauge, New York, 2010, pp 87-97.

Evans TA, Perry G, Smith MA, Salomon RG, McGinnis WR, Sajdel-Sulkowska EM, Zhu X. Evidence for oxidative damage in the autistic brain. In: Autism: Oxidative Stress, Inflammation, and Immune Abnormalities, Chauhan A, Chauhan V, Brown WT, Eds, CRC Press/Taylor & Francis, Boca Raton, Florida, 2010, pp 35-46.

Friedlich AL, Tanzi RE, Perry G, Takeda A, Zhu X, Smith MA. Regulation of *α*-synuclein gene expression: implications for Parkinson's disease and other neurodegenerative disorders. In: Horizons in Neuroscience Research, Vol. 2, Costa A, Villalba E, Eds, Nova Science Publishers, Inc., Hauppauge, New York, 2010, pp 171-178.

Lee HP, Rolston RK, Zhu X, Marlatt MW, Castellani RJ, Nunomura A, Lee H-G, Casadesus G, Perry G, Smith MA. Targeting oxidative mechanisms in Alzheimer disease. In: RSC Drug Discovery Series No. 3: Emerging Drugs and Targets for Alzheimer's Disease, Vol. 2, Neuronal Plasticity, Neuronal Protection and Other Miscellaneous Strategies, Martinez A, Ed, Royal Society of Chemistry, Cambridge, United Kingdom, 2010, pp 97-107.

Liu G. Men P. Perry G. Smith MA. Nanoparticle and iron chelators as a potential novel Alzheimer therapy. In: Free Radicals and Antioxidant Protocols, Methods in Molecular Biology 610, Uppu RM, Murthy SN, Pryor WA, Parinandi NL, Eds, Humana Press, Springer Science+Business Media, LLC, Totowa, New Jersey, 2010, pp 123-144.

Moreira PI, Sayre LM, Zhu X, Nunomura A, Smith MA, Perry G. Detection and localization of markers of oxidative stress by in situ methods: application in the study of Alzheimer disease. In: Free Radicals and Antioxidant Protocols, Methods in Molecular Biology 610, Uppu RM, Murthy SN, Pryor WA, Parinandi NL, Eds, Humana Press, Springer Science+Business Media, LLC, Totowa, New Jersey, 2010, pp 419-434.

Perry G, Mondragón-Rodríguez S, Nunomura A, Zhu X, Moreira PI, Smith MA. Redox homeostasis in Alzheimer disease. In: Tópicos de Actualización en Neurobiología: Biología Molecular del Desarrollo, Neurodegeneración y Medicina Genómica, Ortuńo-Sahagùn D, Beas-Zárate C, Armendáriz JS, Sánchez-Corona J, Pallás-Lliberìa M, Camins A. Eds. Universidad de Guadalaiara, Jalisco, Mexico, 2010, pp 147-157. Perry G. Living with aging: Alzheimer, the disease of our times. Slide World, 2010,

http://www.slideworld.org/slideshow.aspx/Living-With-Aging-Alzheimer,-the-Disease-of-our-Times-ppt-2845969.

Rodrigues R, Bonda DJ, Perry G, Castellani RJ, Casadesus G, Lee H-g, Lee H-P, Wang X, Zhu X, Petersen RB, Smith MA. Oxidative stress and neurodegeneration: an inevitable consequence of aging? Implications for therapy. In: *Brain Protection in Schizophrenia, Mood and Cognitive Disorders*, Ritsner MS, Ed, Springer Science+Business Media B.V., Philadelphia, Pennsylvania, 2010, pp 305-323.

Rolston RK, Lee H-g, Castellani RJ, Bajic V, Perry G, Zhu X, Smith MA. Cell cycle related mechanisms in Alzheimer disease. In: *Cell Cycle Regulators in Alzheimer's Disease*, Padmanabhan J, Ed, Transworld Research Network, Kerala, India, 2010, pp 1-16.

Stone JG, Bryan K, Perry G, Smith MA, Casadesus G. Hormones in Alzheimer disease: treatment modalities and future directions. In: *Metabolic Influences on Neurological Disorders*, Doherty GH, Ed, Transworld Research Network, Kerala, India, 2010, pp 29-41.

Stone JG, Nunomura A, Hayashi T, Nakamura M, Dwyer B, Zhu X, Perry G, Smith MA. Iron-mediated neurotoxicity in Alzheimer disease: causes, consequences, and future therapeutic directions. In: *Metals and Neurodegeneration*, Huang S, Ed, Research Signpost, Kerala, India, 2010, pp 83-100.

Moreira PI, Carvalho C, Zhu X, Smith MA, Perry G. Mitochondrial dysfunction is a trigger of Alzheimer's disease pathophysiology. *Biochim Biophys Acta* **1802**:2-10, 2010.(94)

Su B, Wang X, Zheng L, Perry G, Smith MA, Zhu X. Abnormal mitochondrial dynamics and neurodegenerative diseases. *Biochim Biophys Acta* **1802**:135-142, 2010.(29)

Moreira PI, Zhu X, Wang X, Lee H-g, Nunomura A, Petersen RB, Perry G, Smith MA. Mitochondria: a therapeutic target in neurodegeneration. *Biochim Biophys Acta* **1802**:212-220, 2010.(97)

Tabaton M, Zhu X, Perry G, Smith MA, Giliberto L. Signaling effect of amyloid- β_{42} on the processing of A β PP. *Exp Neurol* **221**:18-25, 2010.(20)

Smith MA, Greco S, Johnston JM, Ashford JW, Perry G, Casadesus G, Tezapsidis N. Comment: Leptin—a key pathogenic modulator in Alzheimer disease. *Alzheimer Research Forum*, 2010, http://www.alzforum.org/new/detail.asp?id=2316.

Gustaw-Rothenberg K, Lerner A, Bonda DJ, Lee H-g, Zhu X, Perry G, Smith MA. Biomarkers in Alzheimer's disease: past, present and future. *Biomarkers Med* **4**:15-26, 2010.(33)

Perry G. Foreword. US Neurol 5:8, 2010.

Tabaton M, Perry G, Zhu X, Lee H-g, Casadesus G, Smith MA. Memantine: "Hypothesis Testing" not "Disease Modifying" in Alzheimer's disease. *Am J Pathol* **176**:540-541, 2010.

Lee H-g, Zhu X, Wang X, Castellani RJ, Perry G, Smith MA. Comment: Cancer, Alzheimer disease, and cardiovascular disease: associations and disassociations—clues to etiology? *Alzheimer Research Forum*, 2010, http://www.alzforum.org/pap/readmore.asp?commentID={1FACEA9A-1E87-4D7A-8D15-BF3637170AF9}.

Bonda DJ, Lee H-P, Lee H-g, Friedlich AL, Perry G, Zhu X, Smith MA. Novel therapeutics for Alzheimer's disease: an update. *Curr Opinion Drug Disc Devel* **13**:235-246, 2010.(24)

Bonda DJ, Wang X, Perry G, Smith MA, Zhu X. Mitochondrial dynamics in Alzheimer's disease: opportunities for future treatment strategies. *Drugs Aging* **27**:181-192, 2010.(26)

Lee H-p, Zhu X, Liu G, Chen SG, Perry G, Smith MA, Lee H-g. Divalent metal transporter, iron, and Parkinson's disease: a pathological relationship. *Cell Res* **20**:397-399, 2010.

Perry G, Smith MA. Obituary: William R. Markesbery, M.D.: a tribute. J Alzheimers Dis 20:1, 2010.

Perry G, Zhu X, Castellani RJ, Phelix C, Moreira P, Casadesus G, Lee H-g, Smith MA. Comment: Evolution of the cholesterol story. *Alzheimer Research Forum*, 2010,

http://www.alzforum.org/pap/readmore.asp?commentID={0335687F-45B5-477E-A063-F4F324BEB88E}.

Avila J, Perry G, Martínez-Martín P. Prospects on the origin of Alzheimer's disease. *J Alzheimers Dis* **20**:669-672, 2010.

Mondragón-Rodríguez S, Basurto-Islas G, Lee H-g, Perry G, Zhu X, Castellani RJ, Smith MA. Causes versus effects: the increasing complexities of Alzheimer's disease pathogenesis. *Expert Rev Neurother* **10**:683-691, 2010.(17)

Sheng B, Lee H-g, Perry G, Smith MA, Zhu X. Comment: Evading apoptosis in Alzheimer disease. *Alzheimer Research Forum*, 2010, http://www.alzforum.org/pap/annotation.asp?powID=101126#{B7DEEDB9-1D3F-4FFA-B328-5C794941D1C9}.

Perry G. Advancements in Alzheimer's research. 2010 Healthcare Professional Conference, Alzheimer's Association, San Antonio, Texas, 2010.

Zhu X, Beal MF, Wang X, Perry G, Smith MA. Mitochondria and neurodegenerative diseases. *J Alzheimers Dis* **20**:S253, 2010.

Santos RX, Correia SC, Wang X, Perry G, Smith MA, Moreira PI, Zhu X. A synergistic dysfunction of mitochondrial fission/fusion dynamics and mitophagy in Alzheimer's disease. *J Alzheimers Dis* **20**:S401-S412, 2010.(45)

Correia SC, Santos RX, Perry G, Zhu X, Moreira PI, Smith MA. Mitochondria: the missing link between preconditioning and neuroprotection. *J Alzheimers Dis* **20**:S475-S485, 2010.(19)

Su B, Wang X, Bonda D, Perry G, Smith M, Zhu X. Abnormal mitochondrial dynamics—a novel therapeutic target for Alzheimer's disease? *Mol Neurobiol* **41**:87-96, 2010.(1)

Santos RX, Correia SC, Wang X, Perry G, Smith MA, Moreira PI, Zhu X. Alzheimer's disease: diverse aspects of mitochondrial malfunctioning. *Int J Clin Exp Pathol* **3**:570-581, 2010.(42)

Castellani RJ, Moreira P, Aliev G, Shenk JC, Siedlak SL, Harris PLR, Sayre LM, Szweda PA, Szweda LI, Zhu X, Smith MA, Perry G. Hydroxynonenal-generated crosslinking fluorophore and mitochondria-derived lipoic acid accumulation in Alzheimer disease reveal a dichotomy of protein turnover. *Micros Microanal* **16** (Suppl 2):1014-1015, 2010.

Smith MA, Zhu X, Lee H, Castellani RJ, Perry G. The importance of histochemical detection of oxidative damage in tissue. *Micros Microanal* **16** (Suppl 2):1016, 2010.

Lee HP, Zhu X, Casadesus G, Castellani RJ, Nunomura A, Smith MA, Lee H-g, Perry G. Antioxidant approaches for the treatment of Alzheimer's disease. *Expert Rev Neurother* **10**:1201-1208, 2010.(53)

Moreira PI, Santos RX, Zhu X, Lee H-g, Smith MA, Casadesus G, Perry G. Autophagy in Alzheimer's disease. *Expert Rev Neurother* **10**:1209-1218, 2010.

Perry G. Oxidative stress and its role in the pathogenesis of Alzheimer disease. *The Science Advisory Board: Member Spotlights*, 2010, http://scienceboard.net/community/memberSpotlight.asp?spotid=175.

Correia SC, Carvalho C, Cardoso S, Santos RX, Santos MS, Oliveira CR, Perry G, Zhu X, Smith MA, Moreira PI. Mitochondrial preconditioning: a potential neuroprotective strategy. *Front Aging Neurosci* **2**:13 pages, doi:10.3389/fnagi.2010.00138, 2010.(13)

Bonda DJ, Wang X, Perry G, Nunomura A, Tabaton M, Zhu X, Smith MA. Oxidative stress in Alzheimer disease: a possibility for prevention. *Neuropharmacol* **59**:290-294, 2010.(140)

Clark TA, Lee HP, Rolston RK, Zhu X, Marlatt MW, Castellani RJ, Nunomura A, Casadesus G, Smith MA, Lee Hg, Perry G. Oxidative stress and its implications for future treatments and management of Alzheimer disease. *Int J Biomed Sci* **6**:225-227, 2010.

Perry G, Castellani RJ, Smith MA. Comment: Failure of the amyloid-β-based therapeutics: is amyloid the culprit or the savior? *Alzheimer Research Forum*, 2010, http://www.alzforum.org/new/detail.asp?id=2536#{2C4A6E0A-3412-4DEE-B971-1767E988A2E5}.

Perry G, Zhu X, Nunomura A, Moreira PI, Castellani RJ, Smith MA. Comment: Amyloid-β protein precursor at the center of iron and redox homeostasis: the amyloid reparative cascade hypothesis. *Alzheimer Research Forum*, 2010, http://www.alzforum.org/new/detail.asp?id=2562#{431B0B61-1699-45F9-AD33-AAE34AA3C08A}.

Dwyer BE, Zacharski LR, Balestra DJ, Lerner AJ, Perry G, Zhu X, Smith MA. Potential role of iron in a Mediterranean-style diet. *Arch Neurol* **67**:1286, 2010.(1)

de Mendonça A, Perry G. Obituary: Edgar da Cruz e Silva 1958-2010. J Alzheimers Dis 21:1037, 2010.

Perry G. Eulogy for Mark Smith. *J Alzheimers Dis*, 2010, http://www.j-alz.com/marksmith.html. *Alzheimer Research Forum*, 2010, http://www.alzforum.org/new/detail.asp?id=2647#{294503B4-514D-4007-BB26-261F264C2609}.

Ashford JW, Black SE, Frisoni G, Perry G. Preface. In: *Handbook of Imaging the Alzheimer Brain*, Ashford JW, Rosen A, Adamson M, Bayley P, Sabri O, Furst A, Black SE, Weiner M, Eds, Perry G, Smith MA, Series Eds, IOS Press, Amsterdam, The Netherlands, 2011, pp vii-viii.

Carvalho C, Correia SC, Santos RX, Cardoso S, Moreira PI, Zhu X, Smith MA, Perry G. Association of mitochondrial signaling in Alzheimer's disease and hypoxia. In: *Molecular Aspects of Neurodegeneration and Neuroprotection*, Farooqui AA, Farooqui T, Eds, Bentham Science Publishers Ltd., Sharjah, United Arab Emirates, 2011, pp 50-61.

Castellani RJ, Marlatt MW, Nunomura A, Moreira PI, Lee H-G, Casadesus G, Zhu X, Perry G, Smith MA. Thinking outside the box in Alzheimer disease treatment. In: *Pharmaceutical Sciences Encyclopedia: Drug Discovery, Development, and Manufacturing*, Gad SC, Ed, John Wiley and Sons, Inc., Hoboken, New Jersey, 2011, pp 929-941.

Castellani RJ, Zhu X, Lee H-g, Petersen R, Perry G. Obituary: Mark A. Smith. *Soc Neurosci*, 2011, http://www.sfn.org/index.aspx?pagename=memberObituaries MarkSmith&print=on.

Chang J, Pallas M, Zhu X, Kim H-J, Camins A, Lee H-g, Perry G, Smith MA, Casadesus G. Unveiling "the switch" from aging to Alzheimer's disease with the senescence-accelerated mouse model (SAMP8). In: *Handbook of Animal Models in Alzheimer's Disease*, Vol. 1, Casadesus G, Ed, Perry G, Smith MA, Series Eds, IOS Press, Amsterdam, The Netherlands, 2011, pp 39-48.

Chang J, Siedlak S, Moreira P, Nunomura A, Castellani RJ, Smith MA, Zhu X, Perry G, Casadesus G. Oxidative stress in Alzheimer's disease: a critical appraisal of the causes and the consequences. In: *Studies on Experimental Models*, Basu S, Wiklund L, Eds, Springer Science+Business Media, LLC, Philadelphia, Pennsylvania, 2011, pp 211-220.

Mondragón-Rodríguez S, García-Sierra F, Casadesus G, Lee H-g, Petersen RB, Perry G, Zhu X, Smith MA. Oxidative stress and Alzheimer disease: mechanisms and therapeutic opportunities. In: *Neurochemical Mechanisms in Disease*, Blass JP, Ed, Springer Science+Business Media, LLC, Philadelphia, Pennsylvania, 2011, pp 607-631.

Perry G. Launch of 'Atlas Journal of Medical and Biological Sciences.' *Atlas J of Med Biol Sci* 1:1, doi:10.5147/ajmbs.2011.0042, 2011.

Perry G, Mondragón-Rodríguez S, Nunomura A, Zhu X, Moreira PI, Smith MA. Oxidative stress and balance in neurodegenerative diseases. In: *Neurodegeneration: The Molecular Pathology of Dementia and Movement Disorders*, 2nd Edition, Dickson DW, Weller RO, Eds, Blackwell Publishing Ltd., Oxford, United Kingdom, 2011, pp 10-12.

Perry G, Zhu X. Obituary: Mark Anthony Smith (1965-2010): visionary, Alzheimer researcher, and editor-in-chief of the Journal of Alzheimer's Disease. *J Alzheimers Dis* **24**:1-2, 2011.

Zhu X, Lee H-g, Castellani RJ, Petersen RB, Perry G. Obituary: Mark A. Smith: international neurochemist perfection. *Int Soc Neurochem*, 2011,

http://www.neurochemistry.org/LinkClick.aspx?fileticket=fNA5 lhLtjA%3d&tabid=37.

Stone JG, Casadesus G, Gustaw-Rothenberg K, Siedlak SL, Wang X, Zhu X, Perry G, Castellani RJ, Smith MA. Frontiers in Alzheimer's disease therapeutics. *Ther Adv Chronic Dis* **2**:9-23, 2011.

Perry G. Editorial. Ann Rev Res Biol 1:i-ii, 2011.

Bonda DJ, Lee H-g, Blair JA, Zhu X, Perry G, Smith MA. Role of metal dyshomeostasis in Alzheimer's disease. *Metallomics* **3**:267-270, 2011.(89)

Gustaw Rothenberg K, Siedlak SL, Lee H-g, Zhu X, Perry G, Smith MA. Neurodegenerative processes in Alzheimer's disease: an overview of pathogenesis with strategic biomarker potential. *Future Neurol* **6**:173-185, 2011.

Perry G. Rubens Pamies. Funeral Service Program, 2011.

Perry G, Smith MA, Casadesus G, Lee H-g, Moreira PI, Castellani RJ, Zhu X. Using biology to untie the Gordian Knot of Alzheimer's disease. *J Alzheimers Dis* **23** (Suppl 1):S31-S32, 2011.

Perry G. Alzheimer's disease: beyond the amyloid hypothesis. 2011.

http://www.tuttocongressi.it/website/contenutiriservati/viewContent.aspx?idc=1247&id=344176&type=N&tab=0&w=900&h=520.

Correia SC, Santos RX, Perry G, Zhu X, Moreira PI, Smith MA. Insulin-resistant brain state: the culprit in sporadic Alzheimer's disease? *Ageing Res Rev* **10**:264-273, 2011.(58)

Zhu X, Castellani RJ, Perry G. Obituary: Mark Anthony Smith 1965-2010: clinical investigator. *Clinical Trial Magnifier* **4**:78, 2011.

Zhu X, Castellani RJ, Lee H-G, Petersen RB, Nunomura A, Tabaton M, Perry G. Obituary: The concept of redox balance in Alzheimer's disease: Mark Anthony Smith 1965-2010. *Redox Report* **16**:47-48, 2011.

Britton GB, Smith MA, Perry G, Sambamurti K, Jagannatha Rao KS. Drug discovery for neurodegenerative diseases: challenges and novel biochemical targets. *J Alzheimers Dis* **24** (Suppl 2):1-2, 2011.

Perry G. Journal of Parkinson's disease – birth of JAD's new sister. J Alzheimers Dis 25:1, 2011.

Castellani RJ, Zhu X, Perry G. Obituary: Mark A. Smith, PhD: renegade scientist and visionary. *J Neuropath Exp Neurol* **70**:495-497, 2011.

Perry G. George Perry on the role of oxidative stress in Alzheimer's disease. *Special Topic of Alzheimer's Disease Interview*, 2011, http://sciencewatch.com/ana/st/alz2/11monSTAlz2Perr/.

Castellani R, Perry G, Lee H-g, Zhu X. Obituary: Mark A. Smith: scholar and innovator. *Eur J Histochem* **55**:1, 2011.

Wang X, Smith MA, Perry G, Zhu X. Mitochondrial fragmentation mediates MPP⁺ toxicity in neurons: implications for Parkinson's disease. *Microsc Microanal* **17** (Suppl 2):196-197, 2011.

Perry G, Wang X, Smith MA, Zhu X. Mitochondrial abnormalities in Alzheimer disease. *Micros Microanal* **17** (Suppl 2):200-201, 2011.

Zhu X, Castellani RJ, Lee H-g, Perry G. Obituary: The origin of oxidative stress in neurodegenerative disease: Mark Anthony Smith 1965-2010. *Free Rad Biol Med* **51**:248-249, 2011.

Castellani RJ, Zhu X, Nunomura A, Perry G. Obituary: In memoriam: Mark A. Smith, PhD: neuroscientist and visionary. *Neuropathology* **31**:458-459, 2011.

Liu Q, Xie F, Alvarado-Diaz A, Smith MA, Moreira PI, Zhu X, Perry G. Neurofilamentopathy in neurodegenerative diseases. *Open Neurol J* **5**:58-62, 2011.

Bonda DJ, Castellani RJ, Zhu X, Nunomura A, Lee H-g, Perry G, Smith MA. A novel perspective on tau in Alzheimer's disease. *Curr Alzheimer Res* **8**:639-642, 2011.(15)

Castellani RJ, Zhu X, Perry G. Foreword: Alzheimer's disease therapy: a moving target. *Therapy* **8**:457-458, 2011.

Castellani RJ, Lee H-g, Petersen RB, Zhu X, Perry G. Pathological phenotype in familial neurodegenerative disease: implications for families and therapeutic constructs. *Therapy* **8**:475-479, 2011.

Castellani RJ, Rolston RK, Zhu X, Petersen RB, Perry G. Obituary: In memoriam: Mark A. Smith, PhD. *Disease-A-Month* **57**:524-526, 2011.

Perry G, Castellani RJ, Ziats NP, Petersen RB, Lee H-g, Zhu X. Obituary: Mark A. Smith: impresario of Alzheimer. *Alzheimer Dis Assoc Disord* **25**:369-370. 2011.

Ashford JW, Salehi A, Furst A, Bayley P, Frisoni GB, Jack CR Jr, Sabri O, Adamson MM, Coburn KL, Olichney J, Schuff N, Spielman D, Edland SD, Black S, Rosen A, Kennedy D, Weiner M, Perry G. Imaging the Alzheimer Brain. *J Alzheimers Dis* **26**:1-27, 2011.(8)

Bonda DJ, Smith MA, Perry G, Lee H-g, Wang X, Zhu X. The mitochondrial dynamics of Alzheimer's disease and Parkinson's disease offer important opportunities for therapeutic intervention. *Curr Pharm* Design **17**:3374-3380, 2011.(3)

Correia SC, Cardoso S, Santos RX, Carvalho C, Santos MS, Perry G, Smith MA, Moreira PI. New insights into the mechanisms of mitochondrial preconditioning-triggered neuroprotection. *Curr Pharm Design* **17**:3381-3389, 2011.(13)

Castellani RJ, Petersen RB, Lee H-g, Zhu X, Perry G. Obituary: Mark A. Smith: the scientist, the man. *Int J Exp Pathol* **92**:297-298, 2011.

Ziats NP, Petersen RB, Lee H-g, Castellani RJ, Perry G, Zhu X. Obituary: Mark A. Smith, 1965-2010: consummate student of pathogenesis. *Int J Clin Exp Pathol* **4**:731-732, 2011.

Li X, Ng S-K, Wang JTL, Aidong Z, Akutsu T, Aung Z, Bajic V, Chen J, Chen P, Chua H, Cui J, Dai Y, Gao X, Han X, Hansen D, Hsu W-L, Huang J, Isokpehi R, Li D, Li H, Jurisica I, Kihara D, Krishnaswamy S, Kwoh CK, Mamitsuka H, Parida L, Perry G, Ragan MA, Rabadan R, Ruan J, Sarkar IN, Singh AK, Srinivasan N, Syed Z, Tseng VS, Valencia A, Yan H, Yu PS, Zeng E, Zhang X, Zvelebil M. Preface. *Proceedings - 11th IEEE International Conference on Data Mining, ICDM*, pp i-iii, 2011.

Phelix CF, LeBaron RG, Roberson DJ, Villanueva RE, Villareal G, Rahimi OB, Siedlak S, Zhu X, Perry G. *In vivo* and *in silico* evidence: hippocampal cholesterol metabolism decreases with aging and increases with Alzheimers disease: Modeling brain aging and disease. 2011 11th IEEE International Conference on Data Mining Workshops, pp 1064-1070, 2011.

Bonda DJ, Castellani RJ, Lee H-g, Tabaton M, Casadesus G, Perry G, Zhu X, Smith MA. Down syndrome and Alzheimer disease: a "multi-hit" hypothesis based on multiple contributing factors resulting in pleotrophic consequences. In: *Alzheimer's Disease Research Compendium*, Sun M-K, Ed, Nova Science Publishers, Inc., Hauppauge, New York, 2012, pp 183-193.

Liu G, Men P, Perry G, Smith MA. Nanoparticle-iron chelator conjugates as multifunctional disease-modifying drugs for prevention and treatment of Alzheimer's disease. In: *Nanomedicine and the Nervous System*, Martin CR, Preedy VR, Hunter RJ, Eds, CRC Press, Boca Raton, Florida, 2012, pp 347-366.

Mondragón-Rodríguez S, Perry G. Zhu X, Moreira PI, Williams S. Glycogen synthase kinase 3: a point of integration in Alzheimer's disease and a therapeutic target? *Int J Alzheimers Dis* **2012**:4 pages, doi:10.1155/2012/276803, 2012.

Mondragón-Rodríguez S, Perry G, Zhu X, Boehm J. Amyloid beta and tau proteins as therapeutic targets for Alzheimer's disease treatment: rethinking the current strategy. *Int J Alzheimers Dis* **2012**:7 pages, doi:10.1155/2012/630182, 2012.

Morelli L, Perry G, Tagliavini F. The contribution of the Amyloid hypothesis to the understanding of Alzheimer's disease: a critical overview. *Int J Alzheimers Dis* **2012**:2 pages, doi:10.1155/2012/709613, 2012.

Reed-Cossairt A, Zhu X, Lee H-G, Reed C, Perry G, Petersen RB. Alzheimer's disease and vascular deficiency: lessons from imaging studies and Down syndrome. *Curr Gerontol Geriatr Res* **2012**:5 pages, doi:10.1155/2012/929734. 2012.

Zhu X, Lee H-g, Perry G. Mark Anthony Smith (August 15, 1965 - December 19, 2010): an inspiration for Alzheimer's disease. In: *Neurodegenerative Diseases*, Ahmad SI, Ed, Lands [*sic*] Bioscience and Springer Science+Business, Austin, Texas, Philadelphia, Pennsylvania, 2012, pp xxxi-xxxii.

Correia SC, Santos RX, Perry G, Zhu X, Moreira PI, Smith MA. Mitochondrial importance in Alzheimer's, Huntington's and Parkinson's diseases. In: *Neurodegenerative Diseases*, Ahmad SI, Ed, Landes Bioscience and Springer Science+Business Media, Austin, Texas, Philadelphia, Pennsylvania, 2012, pp 205-221.

Perry G. A new era for medicinal chemistry. Mini Rev in Med Chem 12:1, 2012.

Perry G, Phelix CF, Nunomura A, Colom LV, Castellani RJ, Petersen RB, Lee H-g, Zhu X. Untangling the vascular web from Alzheimer disease and oxidative stress. *Can J Neurol Sci* **39**:4, 2012.(2)

Perry G. Journal of Huntington's Disease – the family gets bigger. J Alzheimers Dis 30:735, 2012.

Santos RX, Correia SC, Zhu X, Lee H-G, Petersen RB, Nunomura A, Smith MA, Perry G, Moreira PI. Nuclear and mitochondrial DNA oxidation in Alzheimer's disease. *Free Rad Res* **46**:565-576, 2012.(19)

Bonda DJ, Lui G, Men P, Perry G, Smith MA, Zhu X. Nanoparticle delivery of transition-metal chelators to the brain: oxidative stress will never see it coming! *CNS Neurol Disord Drug Targets* **11**:81-85, 2012.(6)

Zhu X, Castellani RJ, Ziats NP, Petersen RB, Lee H-g, Perry G. Obituary: Mark A. Smith: neurocytochemistry innovator. *J Neurochem* **120**:1139-1140, 2012.

Perry G, Perry EA, Zhu X, Castellani R. A Pleotrophic age for Alzheimer and Parkinson disease. J *Alzheimers Dis re* 2:1, 2012.

Castellani RJ, Moreira PI, Perry G, Zhu X. The role of iron as a mediator of oxidative stress in Alzheimer disease. *Biofactors* **38**:133-138, 2012.(27)

Klionsky DJ et al. Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy 8:445-544, 2012.(1169)

Williams WM, Castellani RJ, Weinberg A, Perry G, Smith MA. Do β -defensins and other antimicrobial peptides play a role in neuroimmune function and neurodegeneration? *The Scientific World Journal* **2012**:11 pages, doi:10.1100/2012/905785, 2012.(7)

Liu G, Men P, Zhu X, Perry G. Iron chelation and nanoparticle target delivery in the development of new multifunctional disease-modifying drugs for Alzheimer's disease. *Ther Deliv* **3**:571-574, 2012.

Rodrigues R, Smith MA, Wang X, Perry G, Lee H-g, Zhu X, Petersen RB. Molecular neuropathogenesis of Alzheimer's disease: an interaction model stressing the central role of oxidative stress. *Future Neurol* **7**:287-305, 2012.

Perry G, Yan MH, Fujioka H, Liu J, Wilson-Delfosse A, Chen SG, Casadesus G, Zhu X, Wang X. LRRK2 directly interacts with DLP1 to regulate mitochondrial dynamics and function. *Micros Microanal* **18** (Suppl 2):196-197, 2012.(68)

Casadesus G, Castellani R, Colom L, Lee H-g, Moreira P, Nunomura A, Perry G, Peterson [sic] RB, Wang X, Zhu X. Comment: Failure of antioxidants to treat Alzheimer disease: toward a homeostatic view of chronic disease. *Alzheimer Research Forum*, 2012, http://alzforum.org/pap/annotation.asp?powID=129767.

Bonda DJ, Smith MA, Perry G, Lee H-g, Wang X, Zhu X. $R-\alpha$ -lipoic acid as a potent agent of mitochondrial protection in Alzheimer's disease. In: *Mitochondrial Signaling in Health and Disease*, Orrenius S, Packer L, Cadenas E, Eds, CRC Press, Taylor & Francis Group, Boca Raton, Florida, 2012, pp 455-467.

Castellani RJ, Zhu X, Nunomura A, Perry G. Obituary: In memoriam: Mark A. Smith, PhD: neuroscientist and visionary. *UH Neurological Institute J* **5**:4-5, 2012.

Perry G, Wang X, Zhu X. Comment: A critical role of mitochondrial dynamics in the pathogenesis of AD. *Alzheimer Research Forum*, 2012, http://alzforum.org/pap/annotation.asp?powID=136427.

Perry G, Choudhary MI, López Rodríguez ML, Kalasz H, Bernard M, Barlocco D, Zacharie B, Kenneth S, Hwu JR. Special issue in honor of the 70th birthday of Dr. Atta-ur-Rahman, FRS. *Mini Rev Med Chem* **12**:i, 2012.

Perry EA, Castellani R, Moreira P, Perry G. A new age in metabolism. *Metabolomics* **2**:1 page, doi:10.4172/2153-0769.1000e118, 2012.

Lee H-q, Perry G, Zhu X. Mark Smith: pioneer of Alzheimer disease research. Neurotox Res 22:181, 2012.

Nunomura A, Moreira PI, Castellani RJ, Lee H-g, Zhu X, Smith MA, Perry G. Oxidative damage to RNA in aging and neurodegenerative disorders. *Neurotox Res* **22**:231-248, 2012.(38)

Perry G, Zhu X, Lee H-g, Petersen RB, Castellani RJ. Mark Anthony Smith: enthusiasm for tackling the intractable. *Coord Chem Rev* **256**:2127-2128, 2012.

Miklossy J, Donta S, Mueller K, Nolte O, Perry G. Editorial: Chronic or late Lyme neuroborreliosis: present and future. *Open Neurol J* **6** (Suppl 1-M1):78, 2012.

Joseph JA, Casadesus G, Smith MA, Perry G, Shukitt-Hale B. Nutrients and food constituents in cognitive decline and neurodegenerative disease. In: *Nutrition in the Prevention and Treatment of Disease*, 3rd Edition, Coulston AM, Boushey CJ, Ferruzzi M, Eds, Elsevier Inc., San Diego, California, 2012, pp 373-390.

Castellani RJ, Perry G. Pathogenesis and disease-modifying therapy in Alzheimer's disease: the flat line of progress. *Arch Med Res* **43**:694-698, 2012.(32)

Perry EA, Castellani RJ, Perry G. Pharmaceutical regulation: crossroad of opportunity as the distinction between food and drugs blurs. *Pharmaceut Reg Affairs* 1:1 page, doi:10.4172/2167-7689.1000e117, 2012.

Candeias E, Duarte AI, Carvalho C, Correia SC, Cardoso S, Santos RX, Plácido AI, Perry G, Moreira PI. The impairment of insulin signaling in Alzheimer's disease. *IUBMB Life* **64**:951-957, 2012.(12)

Castellani KC, Perry EA, Perry G, Castellani RJ. Treating Alzheimer disease: is diet and exercise more effective than small molecule therapy? *J Membra Sci Technol* **3**:1 page, doi:10.4172/2155-9589.1000e111, 2012.

Perry EA, Perry G, Castellani RJ, Moreira PI. Failure of A β removal to improve Alzheimer's dementia opens the door to new thinking. *J Alzheimers Dis Parkinsonism* **2**:1 page, doi:10.4172/2161-0460.1000e126, 2012.

Castellani RJ, Li B-X, Farshori A, Perry G. Oxidative Stress and Alzheimer's Disease. In: *Studies on Alzheimer Disease*, Praticò D, Mecocci P, Eds, Springer Science+Business Media, New York, New York, 2013, pp 9-13.

Perry G. Excommunicating scientific discourse from the *imprimatur* of authority. *WebMedCentral plus*, 2013, http://www.webmedcentralplus.com/chief foreword.

Alonso AD, Gong C-X, Perry G, Avila J. Obituary: Inge Grundke-Iqbal: a legacy of tau in the etiology of Alzheimer disease (1937-2012). *J Alzheimers Dis* **33**:1-2, 2013.(1)

Colom LV, Perry G, Kuljiš RO. Tackling the elusive challenges relevant to conquering the 100-plus year old problem of Alzheimer's disease. *Curr Alzheimer Res* **10**:108-116, 2013.(2)

Perry G. Foreword: the largest unmet market: chronic diseases of aging. *Mini Rev Med Chem* **13**:1, 2013.

Perry G, Zhu X, Smith MA, Sorensen A, Avila J. Preface: Alzheimer's disease: advances for a new century. *J Alzheimers Dis* **33**:S1, 2013.(27)

Zhu X, Perry G, Smith MA, Wang X. Abnormal mitochondrial dynamics in the pathogenesis of Alzheimer's disease. *J Alzheimers Dis* **33**:S253-S262, 2013.

Perry G. Alzheimer disease: where do we go from here? Meetings of the Minds State Plan Conference, 2013.

Perry G. Oceanography: not just the oceans. Oceanography 1:1 page, doi:10.4172/ocn.1000e102, 2013.

Perry G, Rodrigues R, Castellani RJ. Book Review: Are Alzheimer's disease and aging evolutionary? *The origin of everything*, Kelley DB, Woodhollow Press, Newbury, OH, 2013 (Book Review). *J Alzheimers Dis* **35**:637, 2013. Shammas R, Perry EA, Perry G. Cloning's promise. *Clon Transgen* **2**:1 page, doi:10.4172/2168-9849.1000109, 2013.

García-Escudero V, Martín-Maestro P, Perry G, Avila J. Deconstructing mitochondrial dysfunction in Alzheimer disease. *Oxid Med Cell Longev* **2013**:13 pages, http://dx.doi.org/10.1155/2013/162152, 2013.(1)

Santos RX, Correia SC, Zhu X, Smith MA, Moreira PI, Castellani RJ, Nunomura A, Perry G. Mitochondrial DNA oxidative damage and repair in aging and Alzheimer's disease. *Antioxid Redox Signal* **18**:2444-2457, 2013.(21)

Mondragón-Rodríguez S, Perry G, Zhu X, Moreira PI, Acevedo-Aquino MC, Williams S. Phosphorylation of tau protein as the link between oxidative stress, mitochondrial dysfunction, and connectivity failure: implications for Alzheimer's disease. *Oxid Med Cell Longev* **2013**:6 pages, doi:10.1155/2013/940603, 2013.

Sabbagh MN, Perry G, Hunsaker JC III, Schreurs B. Obituary: Larry Sparks: innovator and iconoclast. *J Alzheimers Dis* **37**:1, 2013.

Correia SC, Perry G, Castellani R, Moreira PI. Is exercise-in-a-bottle likely to proffer new insights into Alzheimer's disease? *J Neurochem* **127**:4-6, 2013.(1)

Perry G. Oxidative, metabolic, and fibril stress in Alzheimer disease. *From Neurodegeneration to Brain Health*, 2013, http://www.brainhealth2013.com/program.html.

Bharadwaj PR, Bates KA, Porter T, Teimouri E, Perry G, Steele JW, Gandy S, Groth D, Martins RN, Verdile G. Latrepirdine: molecular mechanisms underlying potential therapeutic roles in Alzheimer's and other neurodegenerative diseases. *Transl Psychiatry* **3**:9 pages, doi:10.1038/tp.2013.97, 2013.

Castellani RJ, Peclovits A, Perry G. Neuropathology of Alzheimer's disease. In: *Pathobiology of Human Disease*, McManus LM, Mitchell RN, Eds, Elsevier, Oxford, United Kingdom, 2014, pp 2014-2020.

Castellani RJ, Perry G. Pathogenesis of Alzheimer's disease. In: *Handbook of Neurotoxicity,* Kostrzewa RM, Ed, Springer Science+Business Media, New York, New York, 2014, pp 2327-2337.

Johnston JM, Perry G, Ashford JW, Tezapsidis N. Leptin in Alzheimer's disease and other cognitive disorders and association with underlying lipid abnormalities. In: *Leptin: Biosynthesis, Functions, and Clinical Significance,* Blum EL, Ed, Nova Science Publishers, Inc., Hauppauge, New York, 2014, pp 1-16.

Perry G. Preface. In: *Recent Advances in Medicinal Chemistry*, Vol. 1, Rahman A, Choudhary MI, Perry G, Eds, Bentham Science Publisher, Sharjah, United Arab Emirates, 2014, p *iii*.

Perry G. Looking at Alzheimer's disease from a different angle. Future Neurol 9:19-22, 2014.

Brinkley WR, Perry G. Obituary: Lester (Skip) Binder (1949-2013): In the beginning was tau. *J Alzheimers Dis* **40**:S5, 2014.

Rosen AC, Ashford JW, Perry G. Ethics review as a catalyst for progress. J Alzheimers Dis 40:233-235, 2014.

Perry G. AFAExpertChat with Dr. George Perry, 2014, http://storify.com/alzfdn/afaexpertchat-with-dr-george-perry.

Perry EA, Castellani RJ, Perry G. A new outlook for Alzheimer's disease. *Atlas J Med Bio Sci* 1:21-22, 2014. doi: 10.5147/ajmbs.2014.0200

Bonda DJ, Wang X, Lee H-G, Smith MA, Perry G, Zhu X. Neuronal failure in Alzheimer's disease: a view through the oxidative stress looking-glass. *Neurosci Bull* **30**:243-252, 2014.(11)

Perry G, Castellani R. Preface: plaques and tangles: birthmarks of the aging soul. *Biochem Pharmacol* **88**:423-425, 2014.(1)

Castellani RJ, Perry G. The complexities of the pathology-pathogenesis relationship in Alzheimer disease. *Biochem Pharmacol* **88**:671-676, 2014.(17)

Perry EA, Castellani RJ, Perry G. An epidemiological approach to the study of Alzheimer's disease. *Int J Clin Thera Diagn* **2**(2):1, 2014.

Perry G. In praise of pathologists: a commencement address delivered at the University of Maryland in Baltimore, pathologists' assistants graduate program. *Atlas J Med Biol Sci* 1:23-25, 2014. Doi:10.5147/ajmbs.2014.0201

Wang X, Wang W, Li L, Perry G, Lee H-g, Zhu X. Oxidative stress and mitochondrial dysfunction in Alzheimer's disease. Biochim Biophys Acta, **1842**:1240-1247, 2014.(45)

Rodrigues R, Petersen RB, Perry G. Parallels between major depressive disorder and Alzheimer's disease: role of oxidative stress and genetic vulnerability. *Cell Mol Neurobiol* **34**:925-949, 2014.

Castellani RJ, Moreira PI, Zhu X, Perry G. Alzheimer disease: pathology and pathogenesis. In: *Reference Module in Biomedical Research*, Holmes DJ, Ed., Elsevier Limited, Oxford, United Kingdom. http://dx.doi.org/10.1016/B978-0-12-801238-3.00160-4, 2014.

Castellani RJ, Zhu X, Perry G, Moreira PI. Alzheimer's disease: an overview. In: *Reference Module in Biomedical Research*, Caplan M, Ed, Elsevier Publishing, Amsterdam. http://dx.doi.org/10.1016/B978-0-12-801238-3.04491-3, 2014.

Habibi L, Perry G, Mahmoudi M. Global warming and neurodegenerative disorders: speculations on their linkage BioImpacts **4**:167-170, 2014.

Forero DA, Vélez-van-Meerbeke A, Deshpande SN, Nicolini H, Perry G. Neuropsychiatric genetics in developing countries: current challenges, *World J Psychiatry* **4**:69-71, 2014.

Atta-ur Rahman, Choudhary MI, Perry G. Overview. Mini Rev Med Chem 15:2-3, 2015.

Atta-ur- Rahman, Choudhary MI, Perry G. Preface. Recent Advances in Medicinal Chemistry 2:i-ii 2015.

Correia SC, Moreira PI, Perry G. Autophagy in Alzheimer's disease: a cleaning service out-of-order? In: *Current Topics in Neurotoxicity 9: Toxicity and Autophagy in Neurodegenerative Disorders*, Fuentes JM, Ed, Springer International Publishing Switzerland, 2015, pp. 123-142. (24)

Rodrigues R, Perry G, Petersen R. Basis and argument into the work "parallels on depression and Alzheimer's disease and different genomic vulnerability leading to therapeutic utilities". *Int J Neurol Neurother* **2**:1, 2015.

Perry G. Meet the editorial board. Curr Protein Peptide Sci 16:181, 2015.

Bajic V, Stanojevic B, Zivkovic L, Cabarkapa A, Perry G, Arendt T, Spremo-Potparevic B. Cyclin dependent Kinase 11, neuroinflammation and Alzheimer's disease: a review. *J Clin Cell Immunol* **6**:2, 2015. . http://dx.doi.org/10.172/2155-9899.1000305

Rodrigues R, Ahmad F, Perry G, Petersen RB. Synergy between depression and Alzheimer's disease: a spectrum model of genomic vulnerability with therapeutic implications. *Integrative Molecular Medicine* **2**:139-141, 2015...

Perry G. Editorial: Two hundred treasured issues! J Alzheimer Dis 44:725, 2015.

Perry G. Editorial: Inaugural Message from the Editor-in-Chief. J Syst Integr Neurosci 1:1, 2015.

Avila J, Perry G, Strange BA, Hernandez F. Alternative neural circuitry that might be impaired in the development of Alzheimer disease. *Frontiers in Neuroscience* **9**:1-5, 2015. doi: 10.3389/fnins.2015.00145.

Luna-Muñoz J, Perry G, Guevara J. Obituary: Raúl Mena: 1953-2014. J Alzheimer Dis 45:325-327, 2015.

Castellani RJ, Perry G, Iverson GL. Chronic effects of mild neurotrauma: putting the cart before the horse? J *Neuropathol Exp Neurol* **74**:493-499, 2015.(1).

Castellani RJ, Perry G. We should have better results in the Alzheimer's battle. The Wall Street Journal, Tuesday, June 16, 2015, Page A14. http://www.wsj.com/articles/we-should-have-better-results-in-the-alzheimers-battle-1434399633?KEYWORDS=Alzheimer.

Perry G. Introducing the JAD Editor's Blog. *J Alzheimer's Dis*, 2015. http://j-alz.com/editors-blog.

Petersen RB, Lissemore FM, Appleby B, Aggarwal N, Boyatzis R, Casadesus G, Cummings J, Jack A, Perry G, Safar J, Sajatovic M, Surewicz WK, Wang Y, Whitehouse P, Lerner A. From neurodegeneration to brain health: an integrated approach. *J Alzheimer's Dis* **46**:271-283, 2015..

Jiang Z, Wang W, Perry G, Zhu X, Wang X. Mitochondrial dynamic abnormalities in amyotrophic lateral sclerosis. *Translational Neurodegeneration* **4**:14, 2015. doi: 10.1186/s40035-015-0037-x.

Perry G. Meet our editorial board member. Mini Rev Med Chem 15:719, 2015.

Perry EA, Perry G. Cellular Pathology of Alzheimer disease. *Cell Developmental Biology* **4**:e134. http://dx.doi.org/10.4172/2168-9296.1000e134, 2015.

Perry G. Lifelong Mentorship, 2015. http://www.slideshare.net/GeorgePerry3/lifelong-mentorship-loma-linda-university.

Perry G, Dixson M. Understanding Impact Factors, 2015. http://www.slideshare.net/GeorgePerry3/research-impact-factors

Perry G, van der Holst R. Journal of Alzheimer's Disease 2015 Editorial Board Meeting, 2015. http://www.slideshare.net/GeorgePerry3/journal-of-alzheimers-disease-2015.

Perry G. Alzheimer's Disease: The Hispanic Challenge. *Slide Share*, 2015. http://www.slideshare.net/GeorgePerry3/alzheimer-disease-the-hispanic-challenge.

Perry G, Sorensen A. Brain Health Retreat, Case Western Reserve University, 2015. http://www.slideshare.net/GeorgePerry3/brain-health-retreat-case-western-reserve-university

Perry G. Medical Education In the Wired Age, 2015. http://www.slideshare.net/GeorgePerry3/medical-education-in-the-wired-age

Singh SK, Srivastav S, Yadav AK, Srikrishna S, Perry G. Overview of Alzheimer's disease and some therapeutic approaches targeting A β by using several synthetic and herbal compounds. *Oxi Med Cell Longev* 2016:22 pages. http://dx.doi.org/10.1155/2016/7361613, 2015.

Perry G. Alzheimer Disease: The Hispanic Challenge, Fuerza Contra Alzheimer 2015. http://www.slideshare.net/GeorgePerry3/fuerza-contra-alzheimer-november-2015?related=1 Mohorovic L, Lavezza AM, Stifter S, Perry G, Malatestinic D, Micovic V, Materljan E. Ferric iron brain deposition as the cause, source and originator of chronic neurodegenerative diseases. *Environmental Analytical Chem* **2**:6 http://dx.doi.org/10.4172/2380-2391.1000169, 2015.

Perry G. Finding Portuguese Identity. In: *Untamed Dreams: Faces of America*, Dinis FH, Rodrigues JdC, Eds, pp.333-338, 2016.

Perry G. Foreword. In: Biomarkers in Alzeimer's Disease, Elsevier Publishing, Amsterdam, p. vii, 2016

Castellani RJ, Correia SC, Moreira PI, Perry G. Tackling Alzheimer's disease by targeting oxidative stress and mitochondria. In: *Developing Therapeutics for Alzheimer's Disease: Progress and Challenges*, Wolfe M, Ed., Elsevier Publishing, Amsterdam, pp. 477-502, 2016.

Nunomura A, Tamaoki T, Motohashi N, Lee H-g, Zhu X, Perry G. Oxidative Stress and Neuropsychiatric Disorders in the Life Spectrum . In :Reactive Oxygen Species in Biology and Human Health: a Comprehensive Treatise, Ahmad S, Ed, CRC Press, 2016, pp. 157-163.

Singh SK, Castellani RJ, Perry G. Oxidative stress and Alzheimer's disease. In: *Inflammation, Aging and Oxidative Stress*, Bondy SC, Campbell A, eds., Springer, 2016, pp. 186-198.

Klionsky DJ, Abeliovich H, Agostinis P, et al. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Erratum: *Autopha*gy **12**:1-222, 2016.

Perry G. Editorial article: Prof George Perry: Perspectives on Alzheimer's disease research – Part 1, Key role for oxidative stress. *SelectScience*, 2016. http://www.selectscience.net/editorial-articles/prof-george-perry-perspectives-on-alzheimers-disease-research--part-1/?artID=39817

Perry G. Editorial article: Prof George Perry: Perspectives on Alzheimer's disease research – Part 2, Are amyloid plaques the best therapeutic targer? *SelectScience*, 2016. http://www.selectscience.net/editorial-articles/prof-george-perry-perspectives-on-alzheimers-disease-research-part-2/?artID=39829

Carvalho C, Correia SC, Perry G, Castellani RJ, Moreira PI. Cerebrovascular and mitochondrial abnormalities in Alzheimer's disease: a brief overview. *J Neural Trans* **123**:107-111, 2016.

Perry G. Alzheimer 'disease-in-a-dish' and development of novel therapeutics. RegenMed SA, Session III—Clinical Progress & Applications, 2016. http://www.slideshare.net/GeorgePerry3/alzheimer-diseaseinadish-and-development-of-novel-therapeutics?qid=2063b9ba-fa9f-417c-a62d-0a32d3521762&v=&b=&from_search=2">http://www.slideshare.net/GeorgePerry3/alzheimer-diseaseinadish-and-development-of-novel-therapeutics?qid=2063b9ba-fa9f-417c-a62d-0a32d3521762&v=&b=&from_search=2">http://www.slideshare.net/GeorgePerry3/alzheimer-diseaseinadish-and-development-of-novel-therapeutics?qid=2063b9ba-fa9f-417c-a62d-0a32d3521762&v=&b=&from_search=2">http://www.slideshare.net/GeorgePerry3/alzheimer-diseaseinadish-and-development-of-novel-therapeutics?qid=2063b9ba-fa9f-417c-a62d-0a32d3521762&v=&b=&from_search=2">http://www.slideshare.net/GeorgePerry3/alzheimer-diseaseinadish-and-development-of-novel-therapeutics?qid=2063b9ba-fa9f-417c-a62d-0a32d3521762&v=&b=&from_search=2">http://www.slideshare.net/GeorgePerry3/alzheimer-diseaseinadish-and-development-of-novel-therapeutics?qid=2063b9ba-fa9f-417c-a62d-0a32d3521762&v=&b=&from_search=2">http://www.slideshare.net/GeorgePerry3/alzheimer-diseaseinadish-and-development-of-novel-therapeutics?qid=2063b9ba-fa9f-417c-a62d-0a32d3521762&v=&b=&from_search=2">http://www.slideshare.net/GeorgePerry3/alzheimer-diseaseinadish-and-development-of-novel-therapeutics

Pistollato F, Ohayon EL, Lam A, Langley GR, Novak TJ, Pamies D, Perry G, Trushina E, Williams RSB, Roher AE, Hartung T, Harnad S, Barnard N, Morris MC, Lai M-C, Merkley R, Chandrasekera PC. Alzheimer disease research in the 21st century: past and current failures, new perspectives and funding priorities. *Oncotarget*, 7:38999-39016, 2016.

Perry G. Editor's Note. Management of neuro degenerative diseases of elderly adults. *Journal Alzheimer's Disease & Parkinsonism* **6**:3, 2016.

Perry G. Editor Note: Mass Spectra for revealing disease - associated pathways. *Mass Spectrometry and Purification Techniques* **2**:1, 2016.

Forero DA, Wonkam A, Wang W, Laissue P, López-Correa C, Fernández-López JC, Mugasimangalam R, Perry G. Current needs for human and medical genomics research infrastructure in low and middle income countries. *J Med Genet* **53**:438-440, 2016.

Itzhaki RF, Lathe R, Balin BJ, Ball MJ, Bearer EL, Braak H, Bullido MJ, Carter C, Clerici M, Cosby SL, Del Tredici K, Field H, Fulop T, Grassi C, Griffin WST, Haas J, Hudson AP, Kamer AR, Kell DB, Licastro F, Letenneur L, Lövheim H, Mancuso R, Miklossy J, Otth C, Palamara AT, Perry G, Preston C, Pretorius E, Strandberg T, Tabet N, Taylor-Robinson SD, Whittum-Hudson JA. Microbes and Alzheimer's disease. *J Alzheimer's Dis* **51**:979-984, 2016.

Perry G, Semião F. Message from the publisher. Portuguese American Yearbook 2nd Edition, 2016, pp. 5-6, The National Organization of Portuguese-Americans, 2016.

Perry G. Session with George Perry, 14 July 2016. Quora.com, 2016. https://www.quora.com/session/George-Perry-5/1

Perry G. Editor's Note. Biological System: Open Access 5:1, 2016.

Perry G. A message from chairman of MPHBS. International Congress on Medicine, Pub Health, Bio Sci 2016

Perry G. Meet our editorial board member: Dr. George Perry. Curr Aging Sci 9:159, 2016.

Correia SC, Perry G, Moreira PI. Mitochondrial traffic jams in Alzheimer's disease – pinpointing the roadblocks. BBA – Molecular Basis of Disease 1862:1909-1917, 2016. Perry G. Networking Tools. Sixteenth Portuguese American Postgraduate Society Forum, Memorial Sloan-Kettering Cancer Center, New York, NY, 2016.

Perry G. Editorial: Promise from the sea. Marine Drugs 14:178, 2016.

Perry G. Meet Our Associate Editor. Curr Alzheimers Res 13:1311, 2016

Hofer T, Perry G. Nucleic acid oxidative damage in Alzheimer's disease—explained by the hepcidin-ferroportin neuronal iron overload hypothesis? *J Trace Elements Med Biol*, **38**:1-9, 2016.

Bajic V, Bajic V, Zivkovic L, Arendt T, Perry G, Spremo-Potparavic B. Late phase cell cycle proteins in Alzheimer's Disease: a possible target for therapy? *J Syst Integr Neurosci* **3**:1-8, 2016.

Itzhaki RF, Lathe R, Balin BJ, Ball MJ, Bearer EL, Braak H, Bullido MJ, Carter C, Clerici M, Cosby SL, Del Tredici K, Field H, Fulop T, Grassi C, Griffin WST, Haas J, Hudson AP, Kamer AR, Kell DB, Licastro F, Letenneur L, Lövheim H, Mancuso R, Miklossy J, Otth C, Palamara AT, Perry G, Preston C, Pretorius E, Strandberg T, Tabet N, Taylor-Robinson SD, Whittum-Hudson JA. Microbes and Alzheimer's Disease. *Volume 5: Handbook of Infection and Alzheimer's Disease*, IOS Press, Amsterdam, pp. 3-8, 2017.

Mondragón-Rodriguez S, Perry G, Peña-Ortega F. Tau Proteins. In: *Drug Discovery Approaches for the Treatment of Neurodegenerative Disorders*, Adejare A, Ed, Academic Press, Amsterdam, The Netherlands, pp. 145-160, 2017.

Mondragón-Rodríguez S, Perry G, Peña-Ortega F, Williams S. Tau, amyloid beta and deep brain stimulation: aiming to restore cognitive deficit in Alzheimer's disease. *Current Alz Res* **14**:40-46, 2016.

Nunomura A, Zhu X, Perry G. Modulation of Parkinson's disease associated protein rescues Alzheimer's Disease degeneration. J Alzheimer's Dis **55**:73-75, 2017

Plascencia-Villa G, Yacamán MJ, Perry G. Metals and mitochondria in neurodegeneration. In: *Biometals in Neurodegenerative Diseases: Mechanisms and Therapeutics*, White A, Aschner M, Costa L, Bush A, Eds, pp. 283-311, 2017.

Perry G. Meet our Editor-in-Chief. Letters Drug Design Disc 14:251, 2017.

Perry G, Castellani R. A Cascade of Failure. Times (London), p. 26, 2017.

Khalsa D, Perry G. Four pillars of Alzheimer's disease. Cerebrum, pp. 1-13, 2017. http://www.dana.org/Cerebrum/2017/The Four Pillars of Alzheimers Prevention/

Perry G. George Perry. In: O Calor das Palavras, Rego AC, Girao H, Carreira IM, Barbosa de Melo J, Eds, Bluepharma, Coimbra, Portugal, pp. 130-131, 2017.

Shea TB, Remington R, Perry G. Nutritional supplements and dementia. *Clinical Nutrition* **36**: 613-614, 2017. http://www.dx.doi.org/10.16/j.clnu.2016.12.032

Perry G, van der Holst R. Journal of Alzheimer's Disease Highlights. IOS30, Amsterdam, Netherlands, 2017. http://www.slideshare.net/GeorgePerry3/jad-presentatie-ios30

Perry G. Meet our Co-Editor. *Mini-Reviews Med Chem* 17:319, 2017.

Skrobot OA, O'Brien J, Black S, Chen C, DeCarli C, Erkinjuntti T, Ford GA, Kalaria RN, Pantoni L, Pasquier F, Roman GC, Wallin A, Sachdev P, Skoog I, VICCCS group, Ben-Shlomo Y, Passmore AP, Love S, Kehoe PG, Taragano FE, Kril J, Cavalieri M, Jellinger KA, Kovacs GG, Engelborghs S, Lafosse C, Bertolucci PH, Brucki S, Caramelli P, de Toledo Ferraz Alves TC, Bocti C, Fulop T, Hogan DB, Hsiung GR, Kirk A, Leach L, Robillard A, Sahlas DJ, Guo Q, Tian J, Hokkanen L, Jokinen H, Benisty S, Deramecourt V, Hauw J, Lenoir H, Tsatali M, Tsolaki M, Sundar U, Coen RF, Korczyn AD, Altieri M, Baldereschi M, Caltagirone C, Caravaglios G, Di Carlo A, DI Piero V, Gainotti G, Galluzzi S, Logroscino G, Mecocci P, Moretti DV, Padovani A, Fukui T, Ihara M, Mizuno T, Kim SY, Akinyemi R, Baiyewu O, Ogunniyi A, Szczudlik A, Bastos-Leite AJ, Firmino H, Massano J, Verdelho A, Kruglov LS, Ikram MK, Kandiah N, Arana E, Barroso-Ribal J, Calatayud T, Cruz-Jentoft AJ, López-Pousa S, Martinez-Lage P, Mataro M, Börjesson-Hanson A, Englund E, Laukka EJ, Qiu C, Viitanen M, Biessels GJ, de Leeuw FE, den Heijer T, Exalto LG, Kappelle LJ, Prins ND, Richard E, Schmand B, van den Berg E, van der Flier WM, Bilgic B, Allan LM, Archer J, Attems J, Bayer A, Blackburn D, Brayne C, Bullock R, Connelly PJ, Farrant A, Fish M, Harkness K, Ince PG, Langhorne P, Mann J, Matthews FE, Mayer P, Pendlebury ST, Perneczky R, Peters R, Smithard D, Stephan BC, Swartz JE, Todd S, Werring DJ, Wijayasiri SN, Wilcock G, Zamboni G, Au R, Borson S, Bozoki A, Browndyke JN, Corrada MM, Crane PK, Diniz BS, Etcher L, Fillit H, Greenberg SM, Grinberg LT, Hurt SW, Lamar M, Mielke M, Ott BR, Perry G, Powers WJ, Ramos-Estebanez C, Reed B, Roberts RO, Romero JR, Saykin AJ, Seshadri S, Silbert L, Stern Y, Zarow C. The Vascular Impairment of Cognition Classification Consensus Study (VICCCS). Alzheimer's and Dementia 13: 624-633, 2017.

Reddy VP, Perry G, Smith MA. Brain composition: age-related changes In: *Reference Module in Neuroscience and Biobehavioral Psychology*, pp. 1-4, https://doi.org/10.1016/B978-0-12-809324-5.02591-8, 2017.

Nunomura A, Lee H-g, Zhu X, Perry G. Consequences of RNA oxidation on protein synthesis rate and fidelity: implications for the pathophysiology of neuropsychiatric disorders. *Biochem Soc Trans*, pp. 1-14, 2017.

Rao KS, Perry G, Zhu YZ, Hegde ML, von Zglinicki T, Perez-Pinzon MA. Molecular Pathways in Aging and Neurodegeneration: Mechanisms and Therapeutics. *J Alzheimer's Dis* **60**:S1-S2, 2017.

Mohorovic L, Lavezza AM, Stifter S, Perry G, Malatestinic D, Micovic V, Materljan E, Haller Herman, Petrovic O. Methemoglobinemia as biomarker and precursor of brain capillary oxidative damage link to ferric iron accumulation and originator of neurodegenerative diseases. *J Syst Integr Neurosci* **3**:1-5, 2017.https://doi.org/10.15761/JSIN.1000180.

Hajipour MJ, Sasntoso MR, Rezaee F, Aghaverdi H, Morteza M, Perry G. Advances in Alzheimer's Diagnosis and Therapy: The Implications of Nanotechnology. *Trends Biotechnol*, **35**:937-953, 2017.

Castellani RJ, Perry G. Dementia Pugilistica Revisited. J Alzheimer's Dis 60:1209-1221, 2017.

Iverson GL, Keene CD, Perry G, Castellani RJ. The Need to Separate Chronic Traumatic Encephalopathy Neuropathology from Clinical Features, *J Alzheimers Dis* **61**:17-28, 2017.

Perry G. Foreword. In: Environmental Causes for Alzheimer's Disease and Prevention Measures, p. xi, 2018.

Perry G. Preface. Lett Drug Des Discov 15:2, 2018.

Perry G. Preface. Mini-Reviews Med Chem 18:2, 2018.

Putta S, Yarla NS, Peluso I, Tiwari DK, Reddy GV, Giri PV, Kumar N, Malla R, Rachel V, Bramhachari PV, Reddy RS, Bade R, Mannarapu M, Barretto GE, Lu D-Y, Tarasov VV, Chubarev VN, Ribeiro FF, Scotti L, Scotti MT, Kamal MA, Ashraf GM, Aliev G, Perry G, Sarker SD, Rao CV, Bishayee A. Anthocyanins: Multi-target agents for prevention and therapy of chronic diseases. *Current Pharmaceutical Design* **23**:6321-6346, 2017.

Singh SK, Srikrishna S, Castellani RJ, Perry G. Antioxidants in the prevention and treatment of Alzheimer's disease. In: Nutritional Antioxidant Therapies: treatments and perspectives, Part 3: Nutritional antioxidants in health and disease, 2017 (in print)

Perry G. Editor's statement. *Int J Clin Therapeutics Diagnosis* (in press)

Skrobot OA, Black S, Chen C, DeCarli C, Erkinjuntti, Ford GA, Kalaria RN, O'Brien J, Pantoni L, Pasquier F, Roman GC, Wallin A, Sachdev P, Skoog I, VICCCS group (Taragano FE, Kril J, Cavalieri M, Jellinger KA, Kovacs GG, Engelborghs S, Lafosse C, Bertolucci PH, Brucki S, Caramelli P, Toledo Ferraz Alves TC, Bocti C, Fulop T, Hogan DB, Hsiung GR, Kirk A, Leach L, Robillard A, Sahlas DJ, Guo Q, Tian J, Hokkanen L, Jokinen H, Benisty S, Deramecourt V, Hauw J, Lenoir H, Tsatali M, Tsolaki M, Sundar U, Coen RF, Korczyn AD, Altieri M, Baldereschi, Caltagirone C, Caravaglios G, Carlo AD, Piero VD, Gainotti G, Galluzzi S, Logroscino G, Mecocci P, Moretti DV, Padovani A, Fukui T, Ihara M, Mizuno T, Kim SY, Akinyemi R, Baiyewu O, Ogunniyi A, Szczudlik A, Bastos-Leite A, Firmino H, Massano J, Verdelho A, Kruglov LS, MK Ikram, Kandiah N, Arana E, Barroso-Ribal J, Calatayud T, Cruz-Jentoft AJ, Lopez-Pousa S, Martinez-Lage P, Mataro M, Borjesson-Hanson A, Englund E, Laukka EJ, Qiu C, Viitanen M, Biessels GJ, Leeuw FE, Heijer T, Exalto LG, Prins ND, Richard E, van den Berg E, van der Flier WM, Bilgic B, Allan LM, Archer J, Bayer A, Blackburn D, Brayne C, Bullock R, Connelly PJ, Farrant A, Fish M, Harkness K, Ince PG, Mann J, Matthews FE, Mayer P, Pendlebury ST, Perneczky, Peters R, Swartz JE, Todd S, Werring DJ, Wijayasiri SN, Wilcock G, Au R, Borson S, Bozoki A, Browndyke JN, Corrada MM, Crane PK, Diniz BS, Etcher L, Fillit H, Greenberg SM, Grinberg LT, Lamar M, Mielke M, Ott BR, Perry G, Powers WJ, Ramos-Estebanz C, Reed B, Roberts RO, Romero JR, Sykin AJ, Seshdri S, Silbert L, STern Y, Zarow C), Ben-Shlomo, Passmore AP, Love S, Kehoe PG. Progress towards standardised diagnosis of vascular cognitive impairment: guidelines from the vascular impairment of cognition classification consensus study (VICCCS). Alzheimers Dement 14:280-292, 2018.

Peluso I, Yarla NS, Ambra R, Pastore G, Perry G. MAPK Signalling pathway in cancers: olive products as cancer preventative and therapeutic agents. *Seminars in Cancer Biology*, 2017. (in press)

Plascencia-Villa G, Perry G. Iron-ic facts about dementia. *J Neurol Neurosurg Psychiatry.* (ePub), 2018. https://doi.org/10.3390/nu10040410

Correia SC, Perry G, Moreira PI. Chapter 13: Unravelling the role of mitochondria in Alzheimer's disease – toward assembling the puzzle! In: *Vascular Disease, Alzheimer's Disease, and Mild Cognitive Impairment; Advancing an Integrated Approach*, Libon DJ, Swenson R, Lamar M, Heilman KM,Eds, 2015. (in preparation)

Perry G. Editorial. *J Membra Sci Technol*. (in preparation)

Perry G. Memoirs of a senior scientist. Cell Mol Life Sci (in preparation).

Khalsa D, Perry G. Alheimer's disease. Cidade Solidaria. (in preparation).

Gomez-Molina JF, Perry G. Electrophysical approaches to the free-radical theory of aging: the oxidative-electromagnetic coupling. (in prepartion)

Paley EL, Perry G. Towards an integrative understanding of tRNA aminoacylation–diet–host–gut microbiome interactions in neurodegeneration. *Nutrients* (in press)

Perry G. Editorial Article. *Therapeutic Delivery* (in preparation)

Maccioni RB, Andrade V, Cortes N, Farias G, Perry G. The Bridges Between Consciousness and Alzheimer's Disease. (in preparation)

Castellani RJ, Perry G. Chronic Traumatic Encephalopathy: the great science fiction of the 21st century? (in preparation)

Singh S, Nguyen RQ, Perry G. Phenoptosis. *Biochem (Moscow)*. (in preparation)

Gao J, Wang L, Huntley M, Perry G, Wang X. Pathomechanisms of TDP-43 in neurodegeneration. (ePub) https://doi.org/10.1111/jnc.14327 2018.

Hampel H, Vergallo A, Aguilar LF, Benda N, Broich K, Cuello AC, Cummings J, Dubois B, Federoff HJ, Fiandaca M, Genthon R, Haberkamp M, Karran E, Mapstone M, Perry G, Schneider LS, Welikovitch LA, Woodcock J, Baldacci F, Lista S. Precision pharmacology for Alzheimer's disease. *Pharmacol Res.* (ePub). https://doi.org/10.1016/j.phrs.2018.02.014

Yarla NS, Perry G. Multiple aspects of probiotics health benefits. (in preparation)

Smith CJ, Ashford JW, Frank L, Perry G. Genetic testing for determination of Alzheimer's disease risk. (in preparation)

Espay AJ, Vizcarra JA, Marsili L, Lang AE, Simon DK, Merola A, Keith A, Josephs KA, Fasano A; Morgante F, Savica R, Greenamyre JT Cambi F, Yamasaki TR, Tanner CM, Gan-Or Z, Litvan I, Mata IF, Zabetian CP, Brundin P, Fernandez HH, Standaert DG, Kauffman MA, Sherer T, Perry G, Leverenz, JB. Revisiting protein-aggregation models in Parkinson's and Alzheimer's research: implications for development of biomarkers and neuroprotective therapies. (submitted)

Perry G, Avila J, Zhu X. Birth of JAD -- 20 Years Later. J Alzheimer's Dis 62:901, 2018.

Perry G. Foreword. Lett Drug Design Discovery (in press).

Castellani RJ, Perry G. Alzheimer disease pathogenesis. Nature Rev Neurol (in preparation).

Perry G, Sorenson A, Moreira P, Tabaton M. Preface – Alzheimer's new beginnings (in preparation).

Atanov A, Perry G. Natural products in modern medicine and drug discovdery: a snapshot and an outlook. (in preparation)

Morteza M, Sepideh P, Perry G. Drug-abuse nanotechnology: opportunities and challenges. *ACS Chem Neurosci* (accepted pending revision).

Perry G. EUAS Annual Report 2017 (in preparation)

Bateman DR, Perry G. ISTAART (in preparation)

Vladan BP, Lada Z, Bozidarka Z, Perry G, Biljana S-P. The sex controversy in Alzheimer's disease: are we looking at the wrong chromosome? (in preparation)

Forero D, Perry G. Non-coding RNAs and Alzheimer's disease (in preparation)

Morteza M, Perry G. Early detection of catastrophic disease: do we need another Clair Patterson? (in preparation)