

CURRICULUM VITAE

George Perry, Ph.D.
Dean 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: Azorean Portuguese <http://trees.ancestry.com/tree/38911572/family/familyview>
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.rtn.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- Adjunct 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 redox-activity 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 A β . (2001-06: \$450,000) (Craig S. Atwood, Principal Investigator)

2002-2003 Fullerton Family Charitable Trust, Co-Principal Investigator, Molecular epidemiology and neurobiology of A β -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 A β 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 A β -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, Iquique, 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 Ciencias, 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, Tecnología 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 Ciências 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](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, Notáveis dos Açores (Notable Azoreans), 2012
[http://notaveisazores.com/index.php?static=personalidades&action=verPersonalidade&personalidade_id
 =208](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, LatinoAmerican 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 Marquis Lifetime Achievement Award, Marquis 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.
 - Turned a 240K deficit to a 370K surplus in a 2.4M budget.
 - Did not dismiss any department members.
 - Provided 12-20% salary increases for staff and 23% for Faculty.
 - Established individual departmental support accounts for all Faculty and students.
 - 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 universities.
- ☐ 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 Veracruzana, 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
Student Research Showcase, Judge 2013

1999- 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
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
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-
Board of Directors, Chair 2013-

2009- Beta Beta Beta National Biological Honor Society
Graduate Lifetime Member, 2009-

2009- *Real Academia de Ciencias (RAC)*(Royal Spanish Academy of Sciences)
Foreign Member, Natural Sciences, Elected 2009

2009- Portuguese American Post-Graduate Society
Member 2009-
Austin Chapter, Member 2010-2012
Texas Chapter, Leader 2013-2016

2010- Mind Science Foundation
Friends of Mind Science 2010-2012
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
 Volunteer Recognition 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
 Overseas Fellow 2010
 2010- *Academia Mexicana de Ciencias (AMC)*, (Mexican Academy of
 Science), Corresponding Member, Elected 2010, Induction 2012
 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
 Fellow, Elected 2011
 2011- Royal Society of Chemistry
 Fellow, Elected 2011
 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
 Life Member 2011-
 2011- *Academia de Ciências de Lisboa (ACL)*, (Academy of Sciences of Lisbon), Foreign
 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
Distinguished Fellow 2015
Executive Committee 2016
Chair, 2016
President 2016
San Antonio Branch President 2016-

2016- ALZA - Associação Alzheimer Açores
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 Científica y Tecnológica 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 Científica 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 Distinguished 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 Onderzoek
 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)
 Nazarbayev 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
 Università 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	Ohio Governor's Task Force on Alzheimer's Disease, Ad Hoc Member
1988-1990	Scientific Advisory Board, Familial Alzheimer's Disease Research Foundation
1988	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.alzforum.org/com/res/detail.asp?id=%7BAF7F6C7C-A7F3-4E6D-96BB-6BF5FA53F1AE%7D>
 2002-2003 Scientific Advisory Board, Third International Congress on Vascular Dementia, Prague, 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, Philadelphia, Pennsylvania
 2002- Scientific Committee, The McCusker Foundation for Alzheimer's Disease Research, Perth, Australia
 2002- Scientific Advisory Board, Udall Center for Parkinson's Disease, University of Virginia, Charlottesville, Virginia
 2002- International Advisory Board, XI Symposium New Frontiers of Neurochemistry and Neurophysics on Diagnosis and Treatment of Neurological Diseases, Firenze, Italy
 2002-2003 Consulting Group Member, Challenging Views of Alzheimer's Disease – Round 2, 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, 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
<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, Budapest, Hungary
 2006- Gerson Lehrman Group
 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 Texas Health Science Center at San Antonio
 2007- Scientific Journals International
 2007-2008 Commission on Professionals in Science and Technology
 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- Aníán Advisors, A Reuters Business
 2007- Sacoor Medical Group
 2007-2008 Member of the Technical Organizing Committee of BioMonterrey 08
 2008- McKensy 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

Republic
 2009-2020 Scientific Advisory Board, Alzheimer Research and Prevention Foundation, Tucson, Arizona
 Chief Science Officer 2016-
 2009- Texas Alzheimer's Disease State Plan Partnership
 Strategic Plan 2009-2010
 Implementation 2010-
 Collaborative Research Committee 2013-
 2009- 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- Guidepoint Global
 2009- InspiredOpinions.com (formerly Schlesinger Associates), Edison, New Jersey
 2009- Limelight Technologies, San Antonio, Texas
 2009-2010 Program Committee, Microscopy and Microanalysis 2010, Portland, Oregon
 2009-2010 BIT's 1st Annual NeuroTalk 2010, Singapore
 Scientific Advisory Board
 2010-2011 Seventh International Congress on Vascular Dementia, Riga, Latvia 2011
 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
 2010 Advisory Board, Academic Tree
 2010 Site Editor, Neuropathology Tree
 2010 Site Editor, Alzheimer's Tree
 2010 Site Editor, Baylor College of Medicine Tree
 2010-2011 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"
 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- International Conference and Exhibition on Pharmaceutical Regulatory Affairs,
 Baltimore, Maryland
 Organizing Committee 2011
 2011 First World Congress of Small RNAs, Shenzhen, China
 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- BIT's First Annual World Congress of Nano – S&T, Dalian, China
2011 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 Sixth World Congress on Controversies in Neurology (CONy), Vienna, Austria 2012
2011-2012 Third World Congress on Bioavailability and Bioequivalency, Hyderabad, India
Organizing Committee
2011-2012 Seventh International Conference on Systems, ICONS 2012, Saint Gilles, Réunion Island
2011- 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- Community of Interest of Global Environmental Standard, Weston, Australia
2011- 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 International Conference and Exhibition on Emerging Therapies, Chicago, Illinois
2012 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 Eighth International Congress on Vascular Dementia, Athens, Greece 2013
2012-2013 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 Seventh World Congress on Controversies in Neurology, Istanbul, Turkey, 2013

2012-2013 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 14th 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- Fourth World Congress on Biotechnology, Raleigh, North Carolina, 2013

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 USAgainst Alzheimer's, Washington, DC, Researcher Network

2013 Exploring the Portuguese Diaspora in Interdisciplinary and Comparative Perspectives: An International Conference, Indianapolis, Indiana

Scientific Committee, 2013

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 XVIII International Congress of Neuropathology, Rio de Janeiro, Brazil, 2014

2013-2014 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
 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 Biomedical Engineering, Venice, Italy, 2014

2014 International Program Committee of the 2014 International Conference on Biology and 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 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- ACT-AD, Accelerate Cure/Treatments for Alzheimer's Disease
 Scientific Advisory Board

2014- Seventh Center International Conference on Functional Foods, San Diego, California,

2014- Second International Conference on Genomics and Pharmacogenomics, Raleigh, North Carolina, 2014

2014 Lieberman Research Worldwide, Los Angeles, California

2014 ICBE2014, Third International Conference on Biomedical Engineering and 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 And Micro-electronics, Venice, Italy, 2015

2015 Sixth Workshop on Biological Data Mining and its Applications in Healthcare, ICDM 2015, Atlantic City, New Jersey 2015

2015- Faculty Row

2015-2016 Nanotech 2016, Global Nanotechnology Conference and Expo, Dubai, United Arab 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 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 18th International Conference of Functional Foods Center, Harvard Medical, Boston, Massachusetts, 2015

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, Pennsylvania, 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 on Drug 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, 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
Co-Chair, Executive Committee

2016 Universal Scientific Education and Research Network (USERN) Congress Board, Tehran, Iran 2016

2016 National Research Mentoring Network; Research Resources and Outreach Core External Advisory Board 2016-

2016- Queen Sofia International Award for Research in Neurodegeneration
Chair, Selection Committee

2016 Texas FreshAir Neuroscience Meeting, Austin, Texas, 2016
Program Committee

2016- Neuro EM Therapeutics, Phoenix, Arizona
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, DC

2016- XPRIZE Foundation, Culver City, California
Development of prize in Alzheimer disease

2016-2017	Eleventh World Congress on Controversies in Neurology (CONy), Athens, Greece, 2017
2016-2017	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 Lumpur, 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-	<i>Conselho Consultivo Seção Consular da Embaixada de Portugal</i> , 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

Directorates

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- 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	HNE Society, Hermann-Esterbauer Award
2009	American Association for the Advancement of Science, Fellow
2011	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 Avila	
2004	King Juan Carlos and Queen Sofia of Spain, <i>Ramon y Cajal</i> Medal
2014	European Dana Alliance for Brain Initiatives
Miguel José Yacamán	
2008	American Association for the Advancement of Science, Fellow
Paula I. Moreira	
2008	<i>Medalhas de Honra L'Oréal Portugal para as Mulheres na Ciência</i>
Manuel P. Berriozábal	
2009	American Association for Cell Biology, Bruce Alberts Award for Excellence in Science Education
C. Mauli Agrawal	
2010	Biomed SA, Julio Palmaz Award
2016	American Association for the Advancement of Science, Fellow
A. Claudio Cuello	
2010	Order of Canada
Pierluigi Gambetti	
2011	American Association for the Advancement of Science, Fellow
Jerry Silver	
2011	American Association for the Advancement of Science, Fellow
William Gunning	
2011	Microscopy Society of America, Fellow
Leroy Hood	
2011	Biomed SA, Julio Palmaz Award
Andrew Tsin	
2011	Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (Presented by President Obama)
2011	American Association for the Advancement of Science, Fellow
2012	Royal Society of Biology, Fellow
2014	American Association for the Advancement of Science, Mentor Award
Charles Wilson	
2012	Dana Foundation for Brain Initiatives
BR Brinkley	
2014	E.B Wilson Medal, American Society for Cell Biology
Francisco Gonzalez-Lima	
2014	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 Avanzados 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 Commonwealth University; Wake Forest University; University of Western Ontario, Yeshiva University (Albert Einstein College of Medicine); Zhejiang University

Editorial Work:

Editorships:

1993	Guest Editor for Clinical Neuroscience issue: Alzheimer's Disease (Volume 1, issue 4)
1994-1995	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)
2002-2003-	Senior Associate Editor (Biological Sciences), Microscopy Research and Technique 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
2006-	Founding Editor, Journal of Parkinson's Disease
2014-	Book Review Editor, Current Medicinal Chemistry
2015-	Section Editor, Alzheimer's Disease, US Neurology
2016-	Regional Editor, Current Medicinal Chemistry

Editorial Boards:

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	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
 2012- Journal of Huntington's Disease
 2012- F1000 Research
 2012- Journal of Functional Foods in Health and Disease
 2012- PeerJ
 2012- Molecular Biology
 2018- Chinese Journal of Alzheimer's Disease and Related Disorders

Teaching Experience:

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

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, 1985-
Common Neurodegenerative Disease (co-sponsored with Rajesh Kalaria), Flexible
program, 1992-1995
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, Portugal (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-Rodríguez, 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;
Tejal 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, 2017; Susanta Kumar Rout, Siksha 'O'Anusandhan 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 Kancharla, 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 Kytte, 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; Iyasha 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 York

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:

1982-2005	Member, Neuropathology Training Program
1985-1990	Member, Developmental Biology Training Grant
1985-1990	Member, Geriatrics Education Center
1989-2005	Member, Biomedical Sciences Training Program
1993-2005	Member, NIA Cellular and Molecular Aging Training Grant; Co-Principal Investigator and Co-Director, 1999-
2001-2004	Member, Medical Scientist Training Program
2016-	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:

1. 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.
4. 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. Upjohn Company, Kalamazoo, Michigan, 1987.
20. Electron Microscope Society of Northeastern Ohio, Cleveland, Ohio, 1988.
21. Born-Bunge Foundation, University of Antwerp, Antwerp, Belgium, 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.
29. Second International Conference on Alzheimer's Disease and Related Disorders, Toronto, Canada, 1990.
30. Neuroscience of Alzheimer Disease Conference, Gliotech, 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.
39. 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.
53. 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.
56. Basic Science Research Conference, Alzheimer Center, Case Western Reserve University, Cleveland, Ohio 1993.
57. 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.
65. 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 Affiliates 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.

82. 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 Biología Molecular 'Severo Ochoa', Universidad Autónoma 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, Worcester, Massachusetts, 1999.
114. 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. Portuguese 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.

128. 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.
132. 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, Corvallis, 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 Biología Molecular 'Severo Ochoa', Universidad Autónoma 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. β -Synuclein 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 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.
203. 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 Celular, 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.
233. 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, Georgia, 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.
260. Department of Pathology, University of Texas at Houston Health Science Center, Houston, Texas, 2009.

261. 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 Translational 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 Demenze ad esente 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 Ciencias*, Centro de Investigación y Estudios 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.

336. Track 3 Scientific Presentation, International Summit on Clinical Pharmacy and Dispensing, San Antonio, Texas, 2013.
337. 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=0KyBQyltA&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, College 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 University 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
4. 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
29. 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

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

Meeting Session Chairs:

1. American Association of Neuropathologists Annual Meeting, Minneapolis, Minnesota, 1986.
2. American Society for Cell Biology Mini Symposium, Organizer, Washington D.C., 1986.
3. 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.
10. 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.
20. 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, Australia, 2000.
29. Gordon Research Conference, Oxidative Stress and Disease, Ventura, California, 2001.
30. 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-

Chancellor'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)
brinkley@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

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

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

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

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

Publications:

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

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.influent.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.
5. 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, Seíça 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. *Neuropathol 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 HIF1 α . *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 flavonoids [*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 aminolevulinic 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 amnesic 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* **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, Collier 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- κ B 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- β (1–40) and zinc(II)-bound amyloid- β (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, Plečaš-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, González-Maciél 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 aquaporins. *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, González-Maciél 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 carboxyl-terminal 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-Yacamán 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:10.1038/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, Leonart 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 A β 42 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, Leonart 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 Mitochondrial 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, Scarpello 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, Tyliczszak T, Perry G, Telling ND. Nanoscale synchrotron 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, nucleic 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)
- Rodríguez 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 APP^{swe}/PS1^{dE9} 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).
- Beard 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 cholergeric 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 Alzheimer'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*, Cuelllo 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?liveID=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 Tecnología, Numero 83*, p. 63-65, 2008.
- Perry G, Aliev G, Moreira P, Siedlak SL, Smith MA, Cobb CJ, Ferrer D, José Yacamán M. *En la enfermedad de Alzheimer: evidencia de aumento de cobre y hierro en el sistema: autofagosoma-lisosoma* (Spanish). *Biotechnología 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 re-entry 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-g, 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 pleiotrophic 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*, Ortuño-Sahagún D, Beas-Zárate C, Armendáriz JS, Sánchez-Corona J, Pallás-Lliberia M, Camins A, Eds, Universidad de Guadalajara, 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 H-g, 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/contentutiriservati/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. *Microsc 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, Kwok 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 pleiotrophic 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, Landes [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 Pleiotrophic 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- α -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-g, 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.
- Shamas 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 *BiolImpacts* **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/posts/introducing-jad-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, Dixon 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 Alzheimer'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: *Autophagy* **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
- 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, Lövhelm 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-Rodríguez 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-Pouso S, Martínez-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, Pernecky 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>.
- Hajjipour 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, Kalara 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, Pernecky, 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. Alzheimer'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 preparation)

- 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, Welikovitich 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 discovery: 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)