

CURRICULUM VITAE

Rudolph J. Castellani, Jr., M.D.
Professor of Pathology, Anatomy, and Laboratory Medicine
Vice Chair for Pathology Research
Chief, Section of Neuropathology
West Virginia University Health Sciences Center
West Virginia University School of Medicine

Date: October 2, 2018

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Education:

1986 B.S. (Physiology) Michigan State University, East Lansing, Michigan
1990 M.D. Wayne State University, Detroit, Michigan

Post Graduate Education and Training:

1990 Resident, Internal Medicine, University of Michigan, Ann Arbor, Michigan
1991-1993 Resident, Anatomic Pathology, Wayne State University, Detroit, Michigan
1993-1995 Fellow, Neuropathology, Case Western Reserve University, Cleveland, Ohio
1995 Post-Fellowship Research, Division of Neuropathology, Case Western Reserve University (Pierluigi Gambetti MD, Laboratory), Cleveland, Ohio

Certifications:

09/23/1997 American Board of Pathology, Anatomic Pathology and Neuropathology

Medical Licensure:

2001- Michigan Active
2018- West Virginia Active

Employment History:

1995-1999 Assistant Professor, Pathology, University of Maryland School of Medicine, Baltimore, Maryland
1999-2002 Assistant Professor, Case Western Reserve University, Cleveland, Ohio
2002-2005 Associate Professor, Michigan State University, East Lansing, Michigan
2005-2016 Professor, University of Maryland School of Medicine, Baltimore, Maryland
2011-2016 Professor with Tenure, University of Maryland School of Medicine, Baltimore, Maryland
2016-2018 Professor, Department of Pathology, Western Michigan University Homer Stryker MD School of Medicine
2016-2018 Clinical Professor of Pathology, University School of Medicine, Baltimore, Maryland
2018- Professor of Pathology, Anatomy, and Neuroscience, West Virginia University School of Medicine

Professional Society Memberships:

1993-present College of American Pathologists
1996-present American Association of Neuropathologists
2007-present Society for Neuroscience
2013-present United States and Canadian Academy of Pathology
2016-present National Association of Medical Examiners
2017-present American Academy of Forensic Sciences

Honors and Awards:

- 1995 "Best Attending Pathologist", University of Maryland Division of Anatomic Pathology.
- 1997 "Best Attending Pathologist", University of Maryland Division of Anatomic Pathology.
- 1998 "Wall of Fame," University of Maryland, Baltimore School of Medicine.
- 1999 "Wall of Fame," University of Maryland, Baltimore School of Medicine.
- 2005 Educator of the Year, Departments of Neurology and Ophthalmology, Michigan State University.
- 2007 Teaching Commendation, Pathophysiology and Therapeutics II, University of Maryland School of Medicine Class of 2010.
- 2009 Golden Chair Award, American Association of Neuropathologists, Best Management of a Scientific Session, San Antonio, Texas.
- 2009 Teaching Commendation, Pathophysiology and Therapeutics II, University of Maryland School of Medicine Class of 2011.
- 2010 2010 Alzheimer Award for best article, Journal of Alzheimer's Disease: "Reexamining Alzheimer's disease: evidence for a protective role for amyloid-beta protein precursor and amyloid-beta." J Alzheimers Dis 2009 Oct;18(20):447-452.
- 2010 2010 "Best Attending Pathologist", University of Maryland Division of Anatomic Pathology 2010 Teaching Commendation, Pathophysiology and Therapeutics II, University of Maryland School of Medicine Class of 2012.
- 2010 Awarded 7 year accreditation by National Association of Clinical Laboratory Sciences, University of Maryland Pathologists' Assistant Graduate Program (first in Program History).
- 2011 Mark A. Smith Award for Excellence in Neuroscience, Society for the Study of Neuroprotection and Neuroplasticity, Presented at SSNN Congress, Krakow, Poland.
- 2011 Harlan I. Firminger, M.D. Award for Excellence in Pathology Teaching.
- 2012 Hirano Award, Honorable Mention, "Neocortical amyloid beta and tau pathology in patients with cerebral amyloid angiopathy," Huebner T, Slavin, J, Mehta RI, Castellani RJ. American Association of Neuropathologists, June 2012.
- 2013 Castle Connolly, Regional Top Doctors
- 2014 Castle Connolly, Regional Top Doctors
- 2015 Invited member of Scientific Committee for the International Concussion and Head Injury Research Foundation (ICHIRF)
- 2016 Invited as expert panelist, Fifth International Consensus Conference on Concussion in Sport, Berlin, Germany, October, 2016.

Clinical Activities:

- 1995-1999 University of Maryland Medical System: Neuropathology, Cytology, General Surgical Pathology, and Autopsy
- 1999-2002 University Hospitals of Cleveland: Neuropathology, Cytology, General Surgical Pathology, and Autopsy
- 2002-2005 Sparrow Hospital, Lansing, Michigan: Neuropathology, Forensic Neuropathology, Cytology, General Surgical Pathology, and Autopsy
- 2005-present University of Maryland Medical System: Neuropathology, General Surgical Pathology, and Autopsy
- 2005-present Neuropathology consultation: autopsy brains for dementia, forensic neuropathology (Sparrow Forensic Pathology, Genesee County Medical Examiner's Office), and miscellaneous conditions received from physicians and institutions through the United States
- 2005-2016 Development and implementation of neuromuscular disease laboratory, including the spectrum of enzyme histochemistry, immunohistochemistry for sarcolemmal proteins, teased peripheral nerve fiber preparations; establishment and maintenance of interdisciplinary neuromuscular pathology conference
- 2005-2016 Ad Hoc consultation for Baltimore VA Medical center – surgical and autopsy neuropathology; approximately 50 cases per year
- 2005-2016 Neuro-oncology tumor board – up to several neuropathology discussions per week 2010-2012 Muscle and nerve biopsy consultation; national scope in collaboration with Bostwick Laboratories – several hundred neuromuscular cases per year potential (final agreement pending)

Rudolph J. Castellani, MD, *curriculum vitae*

2010-2016 Ophthalmic Pathology Consultant, Office of the Chief Medical Examiner, Baltimore, Maryland
2015- Neuropathology Consultant, Lieber Institute, Baltimore, Maryland

Administrative Service:

2005-2016 Director of Neuropathology, University of Maryland Medical Center
2006-2011 Associate Director, Pathology Residency Program, University of Maryland, Baltimore
2008-2012 Director of Autopsy Services, University of Maryland Medical Center
2008-2009 Acting Director, Pathologist's Assistant Program, University of Maryland School of Medicine (Master's level program)
2009-2016 Director, Pathologist's Assistant Program (20 Masters Students), University of Maryland School of Medicine
2016-2018 Director, Center for Neuropathology, Western Michigan University Homer Stryker MD School of Medicine
2016-2018 Director, Research Histology Laboratory, Western Michigan University Homer Stryker MD School of Medicine
2018- Chief, Section of Neuropathology, West Virginia University School of Medicine
2018- Vice Chair for Pathology Research, West Virginia University School of Medicine
2018- Director of Autopsy Services, West Virginia University School of Medicine

Institutional Service:

Western Michigan University Homer Striker MD School of Medicine

2016- Chair, Academic Promotions and Tenure Committee, Department of Pathology
2016- Consultant, Institutional Review Board
2017- Admissions Committee
2017- Academic Promotions Committee, Western Michigan University Homer Stryker MD School of Medicine

University of Maryland, Baltimore

2005-2016 Residency Committee
2006-2009 School of Medicine Council Alternate, University of Maryland School of Medicine
2008-2016 Chair, Advisory Committee, University of Maryland PA Graduate Program
2010 Judge, Medical Student Research Day, September 2010
2010-2012 Member, School of Medicine Council, University of Maryland School of Medicine 2011-
2014 Member, Faculty Senate, University of Maryland, Baltimore
2011 Chair, Ad Hoc Grade Hearing Committee on Arbitrary and Capricious Grading 2012
Graduate School Advisory Committee

Case Western Reserve University

2001-2002 Director, Microscopy Laboratory, Institute of Pathology, Case Western Reserve University
2001-2002 Unified Academic Mission Committee, Institute of Pathology
2001-2002 Research Committee, Institute of Pathology

Michigan State University

2002-2005 Director, Regional Diagnostic Neuropathology Laboratory, Michigan State University
2003-2005 Graduate Affairs Committee, Neuroscience Program
2003-2005 Neurobiology Committee
2004-2005 College of Osteopathic Medicine Research and Graduate Study Committee
2004-2005 Masters Thesis Committee, Comparative Medicine and Integrative Biology Program

Hospital Committees

10/2000 Chair, anatomic pathology quality assurance committee; CAP inspection team member, anatomic pathology and cytopathology, University Hospitals of Cleveland

Local and National Service:

2000-2012 Neuropathology Consultant, National Prion Disease Pathology Surveillance Center
(provides neuropathology interpretation for prion-negative referrals).
2002-present Consulting Neuropathologist, Forensic Services, Sparrow Health Systems
2006-present Consulting Neuropathologist, Genesee County Medical Examiners Office
2005-2016 Division of Molecular Pathology, University of Maryland, Baltimore
2006-2008 Vice President, Maryland Society of Pathologists
2008-2010 President, Maryland Society of Pathologists
2011-2012 Interim Secretary-Treasurer, Maryland Society of Pathologists
2017- Deputy Medical Examiner, Grand Traverse, Leelanau, Muskegon, Allegan, Kalamazoo,
Calhoun Counties, Michigan
2017- Sudden Unexpected Death in Childhood Committee, National Association of Medical
Examiners
2017- Neuropathology Subcommittee, Sudden Unexpected Death in Childhood Committee,
National Association of Medical Examiners
2017- Infectious Diseases Subcommittee, Sudden Unexpected Death in Childhood Committee,
National Association of Medical Examiners

International Service:

2010-2011 International Scientific Committee, Society for the Study of Neuroprotection and
Neuroplasticity
2015-present Scientific Advisory Committee, International Concussion and Head Injury Research
Foundation

Society Committees:

2001-2002 Awards Committee, American Association of Neuropathologists
2012 Awards Committee, American Association of Neuropathologists
2012-present Education Committee, American Association of Neuropathologists

Grant Reviews/Study Sections:

2002 National Institute on Aging Program Project Grant Review
2002 National Prion Disease Research Program, Washington, D.C.
2003 Resubmission review of National Institute on Aging Program Project Grant
2004 Alzheimer's Association
2004-2007 Philip Morris External Research Program
2007 Alzheimer's Association
2007 Alzheimer's Society (UK)
2007-present Veterans Administration, Neurobiology D, Ad Hoc Member
2008 Veterans Administration, Neurobiology D, Ad Hoc Study Section Chair
2009 Veterans Administration, Neurobiology D, Ad Hoc Member
2009-2013 Veterans Administration, Neurobiology D, Study Section Chair
2009 National Institute on Aging, Program Project review, P01 AG021190-06
2010 Israel Science Foundation Research Grant Program
2010 National Institute on Aging, Program Project review, P01-AG021190-06A1
2011 Veterans Administration, SPLD1; Special Emphasis – Research on Gulf War Veterans'
Illnesses, AD Hoc Study Section Chair
2014 First Croatian Marie Curie FP7-PEOPLE-2011-COFUND program
2017 Ad Hoc Reviewer, Medical University of South Carolina, Center for Genomic Medicine
Pilot Proposals, and MUSC foundation for research and development

Grant and Contract Support:

Pending Grants Department of Defense, Principal Investigator, Veteran Brain Tissue Repository
for Investigating Long term effects of Neurotrauma

The Spectrum of Concussion: Predictors of Clinical Recovery, Treatment and
Rehabilitation and possible Long-term effects (Collaborator (maximum \$3,000
per year); PI: Grant Iverson, PhD); Total proposed direct costs: \$603,339

Current Grant and Contract Support

- 2017-2020 National Institutes of Justice (2017-DN-BX-0166), Co-Investigator, Investigations on the cellular and morphologic characteristics of cranial vault fracture: research and development of a time since fracture protocol and database (P.I. – J. Cornelison). Total Direct: \$500,000
- 2016- Lieber Institute for Brain Development, Principal Investigator, Brain Procurement and neuropathological characterization of psychiatric disorders. Annual Direct for contract: \$214,000
- 2016- National Institutes of Health, subcontract to the NIH neurobiobank at University of Maryland for tissue processing and neuropathological diagnosis. Annual Direct: \$31,000

Completed Grants and Contracts

- 1996-1997 University of Maryland, Baltimore, Intramural Award, Principal Investigator, Interaction of p53 and bcl-2 in glioblastoma multiforme (\$15,000)
- 1997 University of Maryland, Baltimore, Intramural Research Grant, Principal Investigator, Diffuse white matter gliosis and oxidative stress in SIDS (\$6,000)
- 1997-1998 National Institute on Deafness & Other Communication Disorders, PI – H.R. Zielke)
- 1998-1999 National Institutes of Health, Investigator, Brain and Tissue Bank for Developmental Disorders, (PI – H.R. Zielke)
- 2000-2001 University Hospitals of Cleveland, Intramural Research Fund, Principal Investigator, Role of transition metals in Parkinson's disease pathogenesis (\$10,000)
- 2005-2008 National Institutes of Health, Investigator, NICHD Brain and Tissue Bank for Developmental Disorders ((PI – H.R. Zielke)
- 2004-2005 Michigan State University, Intramural Research Grant Program, Principal Investigator, Laser capture microdissection and gene expression profiling in sporadic Creutzfeldt-Jakob disease (\$50,000)
- 2005-2008 National Institute of Health, R01 [AG026151], Co-Investigator, Amyloid-beta: The Alternate Hypothesis (PI – M.A. Smith)
- 2009-2012 Alzheimer's Association, Investigator Initiated Research Grant [IIRG-09-132087], Xanthine Oxidase in AD: Mechanistic and Therapeutic Opportunities(PI – M.A. Smith)
- 2008-2013 National Institutes of Health, R01 [AG028679], Co-investigator; Role of cell cycle in neurodegeneration (PI – M.A. Smith)
- 2008-2013 National Institutes of Health, R01 [AG031852-03]; Co-investigator; Mitochondrial Fission and Fusion in Alzheimer's Disease; (PI – X. Zhu)
- 2009-2016 National Institutes of Health, Investigator; NICHD Brain and Tissue Bank for Developmental Disorders (PI – H.R. Zielke)

Editorial Boards (not all inclusive, last update 2011):

- 2002-present Neurotoxicology Research 2007-present Journal of Alzheimer's Disease
- 2006-present Journal of Neuropathology and Experimental Neurology
- 2007-present Current Alzheimer Research
- 2009-present The Open Pathology Journal
- 2009-present International Journal of Alzheimer's disease
- 2010-present BMC Neurology
- 2010-present Research and Reports in Forensic Medical Science
- 2011-present Journal of Neurochemistry (Handling Editor)
- 2011-present Current Gerontology and Geriatrics Research
- 2011-present BMC Research Notes
- 2011-present American Journal of Medical and Biological Sciences
- 2011-present Biometals
- 2011-present Redox Report
- 2011-present Neuropathology
- 2011-present Neuropathology and Applied Neurobiology

2011-present Laboratory Investigation
2014-present Journal of Forensic Science and Medicine

Ad Hoc Reviewer (last update 2011):

2007-present Alzheimer's Disease and Related Disorders
1995-present American Journal of Pathology
1993-present Annals of Biomedical Engineering
1994-present Annals of Neurology
2005-present Biochemistry
2007-present Biochimica et Biophysica Acta – Molecular Basis of Disease
1994-present Brain Pathology
2007-present CNS Drugs
2005-2007 Current Alzheimer Research
2005-present Current Medicinal Chemistry
2007-present European Journal of Neurology
2007-present Experimental Gerontology
2008-present Expert Opinion on Investigation Drugs
1995-present Free Radicals in Biology and Medicine
2005-present International Journal of Clinical and Experimental Pathology
2005-present International Journal of Experimental Pathology
2008-present International Journal of Medical Sciences
1995-present Journal of Histochemistry and Cytochemistry
1996-present Journal of Neural Transmission
2005-present Journal of Neurochemistry
2002-present Journal of Neuroimmunology
2005-present Journal of Neuroscience Research
1995-present Journal of Neurosurgery
2009-present Life Sciences
2008-present Microscopy Research and Technique
2000-present Neurobiology of Aging
1993-present Neurology
1994-present Neuroscience Letters
2005-present Neurochemical Research
2007-present Pathobiology
2010-present PLoS ONE
2008-present Progress in Neurobiology
2002-present Redox Report
2005-present Trends in Molecular Medicine
2011-present Therapeutic Advances in Neurological Disorders

Session Chair/Discussant:

1995 American Association of Neuropathologists, San Antonio, Texas
2000 Neurodegenerative Diseases, Tobago
2007 3RD International Congress of the Society for the Study of Neuroprotection and Neuroplasticity, Bucharest, Romania
2008 4th International Congress of the Society for the Study of Neuroprotection and Neuroplasticity, Bucharest, Romania
2009 Second Joint Congress of the Global College of Neuroprotection and Neurodegeneration, and Society for the Study of Neuroprotection and Neuroplasticity, Degenerative Disorders, Vienna, Austria
2009 Second Joint Congress of the Global College of Neuroprotection and Neurodegeneration, and Society for the Study of Neuroprotection and Neuroplasticity, Medexpert symposium: Carotid atherosclerosis and arterial stiffness, Vienna, Austria
2009 American Association of Neuropathologists, Alpha-synuclein and ubiquitin session, June 12, 2009
2010 7th Global College of Neuroprotection and Neuroregeneration. Neurodegenerative disease symposium: Stockholm, Sweden

- 2010 4th World Congress on Controversy in Neurology: Session (21) Dementia: Diagnostic and Pathogenetic Concepts. Barcelona, Spain
- 2011 7th Congress of the Society for the Study of Neuroprotection and Neuroplasticity, Session 5, Dementia and Neurodegenerative disorders (I), Krakow, Poland
- 2012 Controversy in Neuroscience (Neurex), Basel Switzerland
- 2018 American Academy of Forensic Sciences, Putting the Expert on Trial, Seattle, Washington, February, 2018

Teaching Service:

University of Maryland School of Medicine

- 1995-1997 Small group discussion leader, pathophysiology and therapeutics, year II medical students (~ 150 medical students).
- 1995 -1999 Lectures in Neuropathology, neurosurgery residents (two per month – 9 residents)
- 1996 -1999 Course Director and Lecturer, University of Maryland Neuropathology Long Course ~15 – 20 residents and medical students
- 1997-1999 Lecturer and laboratory instructor in neuropathology, pathophysiology and therapeutics, year II medical students, ~150 medical students, ~ 15 contact hours.
- 1998 Continuing education on electron microscopy of neuromuscular disease, Associates in Pathology EM lab – 3 technicians, one contact hour
- 1998 Mentor to Linda Marion, Short Term Research Training Program
- 1998-1999 Mentor to Sebastian Cherng, Mentor Program, Howard County High School
- 2005-present Year II pathophysiology, course lecturer and laboratory leader, Lectures in central and peripheral neuropathology, endocrine pathology, bone and soft tissue pathology, autopsy pathology - ~ 150 Medical Students, ~ 15 contact hours
- 2005-2016 Course director and Lecturer, Neuropathology Long Course, neurology, neurosurgery, pathology residents, rotating medical students; 1/week - ~ 15-20 residents and medical students
- 2005-2006 Lectures in Neuropathology, neurosurgery residents, 1/week - ~ 5-7 residents
- 2005-2016 Anatomy and Pathology lectures, small groups, and laboratories – PA student program ~ 10 graduate students, 15-20 lecture hours/year, one laboratory session per week, November through May (since 2008)
- 2005-2016 Neuropathology rotations for house officers – 2 neurosurgery residents per year (July through September); 4 neurology residents per year; 4 pathology residents per year; rotation involves concentrated learning experience in neurosurgical, neuromuscular, and autopsy neuropathology – one to several hours of contact time/clinical instruction daily.
- 2008-2016 Course Director, Pathology Graduate Student Courses (~20 graduate students total) – PATH 602 (systemic pathology – February through May), PATH 603 (general pathology – November, December), PATH 751 (Clinical Pathology and Microbiology – January, February), Path 608 (autopsy pathology – clinical rotations July through May), Path 609 (surgical pathology – clinical rotations July through May), PATH 789A (special topics – July, August), PATH 789b (special topics – June)
- 2006-2008 Chair, Mentoring Committee – Alan Morrison MD
- 2009 Mentor – Krystal Gilliam, Vivian T. Thomas High School Summer Enrichment Program, Office of Student Research, University of Maryland, Baltimore
- 2011 Mentor – Michael Howard, Vivian T. Thomas High School Summer Enrichment Program, Office of Student Research, University of Maryland, Baltimore
- 2010-2015 Chair, Mentoring Committee for Rupal I. Mehta, MD; successfully mentored to K08 award

Case Western Reserve University School of Medicine

- 1993-1995 Phase I and Phase II – Biologic Basis of Disease and Nervous System lab instructor
- 1994-1995 Lecturer – Pathology of Central Nervous System Tumors Neuropathology of Trauma
- 1999-2002 Section Leader, Year II Nervous System/Mind Committee
- 1999-2002 Lecturer, Path 444 – Neurodegenerative disease: Pathological, Cellular and Molecular Mechanisms
- 2001-2002 Mentor-Health Care Enhancement Program for Minorities

2002 Lecturer, Anatomy 523, Head and Neck Pathology, Musculoskeletal Pathology, and Neuropathology

Wayne State University School of Medicine

1987-1988 Tutor for year I medical students
1991-1993 Pathology lab instructor
1992 Pathology tutor for year II medical students

Michigan State University

2002-2005 Lecturer-weekly neuropathology seminar, Neurology residency program
2003-2005 Pathology head, Curriculum Development Group, HM 528 (College of Human Medicine – Metabolic/Endocrine/Reproductive unit, year II)
2003-2005 Faculty preceptor for Problem Based Learning, HM 528 2003-2005 Lecturer, HM513 (Neuropathology)
2003-2005 Lecturer, OST 512 (College of Osteopathic Medicine, Neuropathology)
2003-2005 Lecturer, VM820 – Current Topics in Comparative Medicine and Integrative Biology, Prion Biology and Prion Diseases

Invited Seminars and Platform Presentations

1. Michigan Neuropathology Day, William Beaumont Hospital, Royal Oak, Michigan, October 1993
2. Institute of Pathology Noon Seminar, Case Western Reserve University, February 1995
3. Blood Banker of Cleveland Meeting, Cleveland, Ohio, March 1995
4. American Association of Neuropathologists, Pittsburgh, Pennsylvania, June 1995
5. Seminars in Diagnostic Pathology, University of Maryland Medical System, December 1995
6. Comparative Medicine Program Noon Seminar, University of Maryland, Baltimore June 1996
7. Sheppard and Enoch Pratt Hospital Grand Rounds, Towson, Maryland, October 1997
8. Maryland Society of Cytology, St. Joseph's Medical Center, Towson, Maryland, March 1998
9. Alzheimer's Association of Central Maryland, Timonium, Maryland, November 1998
10. Seminars in Pathology, University of Maryland, Baltimore, March 1999
11. Brain Tumor Support Group, University of Maryland, Baltimore, April 1999
12. Cleveland Society of Pathology, November 1999
13. Neurodegenerative Diseases, Tobago, April 2000
14. WCPN Radio, Cleveland, Ohio, May 2000
15. Neurology Grand Rounds, Michigan State University, September 2001
16. Pathology Grand Rounds, Institute of Pathology, Cleveland, Ohio, May 2002
17. Ludington High School special seminar, May 2002
18. Neurology Osteopathic Residency Organization, East Lansing, Michigan, November 2002
19. University Club, East Lansing, Michigan, February 2003
20. West Michigan Neurological Society, March 2003
21. Van Andel Research Institute, September 2003
22. Neuroscience Program Seminar Series, Michigan State University, November 2003
23. Neurology Osteopathic Residency Organization, East Lansing, Michigan, December 2003
24. Neurobiology Seminar, Kellogg Center, East Lansing, Michigan, January 2004
25. Neurology Grand Rounds, Sparrow Hospital, East Lansing, Michigan, May 2004
26. National Honor Society, Ludington High School Chapter, May 2004
27. Brain Tumor Consortium, Frankenmuth, Michigan, October 2004
28. Alzheimer's Association, North/West Michigan Chapter, Grand Rapids, Michigan, November 2004
29. BBC Radio, November 2004
30. Pathology Grand Rounds, Medical University of Ohio, May 2005
31. Neuropathology Review Course, Neurology Osteopathic Residency Organization, East Lansing, Michigan, October 2005
32. Maryland Society of Pathology, Ellicott City, Maryland, November 2005
33. Neurology Osteopathic Residency Organization, East Lansing, Michigan, January 2006
34. Pathology Grand Rounds, Baltimore, Maryland, November 2006
35. American Academy of Forensic Sciences, San Antonio, Texas, February 2007

36. Plenary Speaker, 3rd Annual Congress of the Society for the Study of Neuroprotection and Neuroplasticity, Bucharest, Romania, March 2007
37. Maryland Society of Pathology, April 2007
38. Neurology Grand Rounds, University of Maryland, Baltimore, October 2007
39. American Academy of Forensic Sciences, Washington DC, February 2008
40. Psychiatry Grand Rounds, Kansas University School of Medicine, Wichita, Kansas, March 2008
41. Neurology Seminar, Kansas University Medical Center, Kansas City, KS, March 2008
42. Plenary Speaker, 4th Annual Congress of the Society for the Study of Neuroprotection and Neuroplasticity, Bucharest, Romania, March 2008
43. American Association of Neuropathologists, Platform presentation, San Diego, California, April 2008
44. 2nd World Congress on Controversies in Neurology, Athens, Greece, October 2008
45. Second Joint Congress of the Global College of Neuroprotection and Neurodegeneration, and Society for the Study of Neuroprotection and Neuroplasticity, Vienna, Austria, March 2009
46. Neurology Grand Rounds, Michigan State University, Lansing, Michigan, March 2009
47. American Association of Neuropathologists, Annual Meeting, San Antonio, Texas, June 2009
48. American Association of Pathologists' Assistants, Baltimore, Maryland, September 2009
49. Pathology Grand Rounds, Johns Hopkins University, Baltimore, Maryland, September 2009
50. Third Joint Congress of the Global College of Neuroprotection and Neurodegeneration, and Society for the Study of Neuroprotection and Neuroplasticity, Stockholm, Sweden, March 2010
51. Pathology Seminar, University of Michigan, Ann Arbor, Michigan, May 2010
52. American Association of Neuropathologists, Annual Meeting, Philadelphia, Pennsylvania, June 2010
53. 4th World Congress on Controversies in Neurology, Debate: Is Parkinson's disease primarily a genetic disorder? Barcelona, Spain, October 2010.
54. 4th World Congress on Controversies in Neurology, Debate: Free access journals are important and useful? Barcelona, Spain, October 2010
55. Michigan Association of Medical Examiners. Mount Pleasant, Michigan, October 2010
56. Stanford University, Pathology Seminar. Palo Alto, California, February 2011
57. 7th Congress of the Society for Neuroprotection and Neuroplasticity, Krakow, Poland, April 2011
58. Life Sciences Seminar, Veterans Administration, Kansas University Medical Center, Kansas City, Missouri, April 2011
59. American Association of Neuropathologists, Annual Meeting, Seattle, Washington, June 2011
60. Department of Pharmacology, Physiology, and Therapeutics Seminar, University of North Dakota School of Medicine Health Sciences, February 2012
61. Plenary speaker in debate sponsored by Neurex: "Controversy in Neuroscience: Time to Abandon the Amyloid Cascade Hypothesis?" including J. Hardy, K. Herrup, and E. Karran. Basel, Switzerland, May 2012
62. American Association of Pathologists' Assistants, Miami, Florida, September 2012
63. Grand Rounds, Tripler Army Medical Center, Honolulu, HI, May 2013
64. Pathology Resident Commencement, University of Maryland, Baltimore, May, 2013
65. Neurosurgery Grand Rounds, University of Maryland Medical Center, December 2013.
66. Big Sky Athletic Training Sports Medicine Conference, February, 2014.
67. Neuroscience Virtual Conference, March, 2014
68. Concussion Symposium, University of Michigan Athletic Department, Ann Arbor, Michigan, May, 2014.
69. Grand Rounds, Kernan Hospital, Baltimore, Maryland, September 2015.
70. Sports Concussion Conference, American Academy of Neurology, Chicago, Illinois, July 2014.
71. Grand Rounds, Kernan Hospital, Baltimore, Maryland, January, 2015
72. Neurosurgery Conference, University of Maryland Medical Center, January, 2015
73. Neurology Grand Rounds, University of Wisconsin, Madison, Wisconsin, January, 2015.
74. American Academy of Forensic Sciences, February 2015, Orlando, Florida.
75. American Medical Society for Sports Medicine (Plenary Speaker), Hollywood, Florida, April, 2015.
76. University of Michigan Sports Concussion Summit, Ann Arbor, Michigan, September 2015
77. Neurology Grand Rounds, Lehigh Valley Health Network, Allentown, Pennsylvania, October, 2015
78. Michigan Association of Medical Examiners, October, 2015
79. Neurosurgery Grand Rounds, University of Maryland, January 2016
80. Big Sky Athletic Training Sports Medicine Conference, Big Sky, Montana, February, 2016.

81. Jay Dix Memorial Lecture, American Academy of Forensic Sciences, Las Vegas, NV, February 2016
82. Controversies in Neurology, Lisbon Portugal, March 2016
83. American College of Sports Medicine, Boston, MA, June 2016
84. National Association of Medical Examiners, Minneapolis, MN, September 2016
85. Big Sky Athletic Training Sports Medicine Conference, Big Sky, Montana, February, 2017
86. Bangor Middle School, Bangor, Michigan, March, 2017
87. Head Injury in Soccer: From Science to the Field Summit, New York, New York, April, 2017
88. University of Michigan Sports Concussion Summit, Ann Arbor, Michigan, June, 2017
89. Neuroscience Grand Rounds, Bronson Methodist Hospital, Kalamazoo, Michigan, June, 2017
90. Psychiatry Grand Rounds, Bronson Methodist Hospital, Kalamazoo, Michigan, August 2017
91. 6th International Conference of Forensic Medicine and Law, Baltimore, Maryland, August 2017
92. International Academy of Forensic Sciences, Toronto, Ontario, Canada, August 2017
93. CPCU Society Annual Meeting, Orland, Florida, September 2017 (lecture canceled because of hurricane Irma)
94. Western Michigan University Cooley Law School, Grand Rapids, Michigan, September 2017
95. Central Michigan University School of Medicine, Mount Pleasant, Michigan, September 2017
96. Michigan Association of Medical Examiners, Mount Pleasant, Michigan, October 2017
97. Jay Dix Memorial lecture, American Academy of Forensic Sciences, Seattle, Washington, February, 2018

Publications (H Factor: 65; > 14000 citations (Google Scholar)):

Peer-Reviewed Journal Articles

1. Visscher DV, Castellani RJ, Wykes S, Sarkar F, Crissman JD. Concurrent abnormal expression of erbB2, EGFR, and p53 genes and clinical disease progression of breast carcinoma. *Breast Cancer Res Treat* 28:261-266, 1993.
2. Castellani RJ, Visscher D, Wykes S, Sarkar F, Crissman JD. Interaction of transforming growth factor alpha and epidermal growth factor receptor in breast carcinoma: An immunohistologic study. *Cancer* 73:344-349, 1994.
3. Hedera P, Lerner AJ, Castellani RJ, Friedland RP. Concurrence of Alzheimer's disease, Parkinson's disease, diffuse Lewy body disease, and amyotrophic lateral sclerosis. *J Neurol Sci* 128:219-224, 1995.
4. Parchi P, Castellani RJ, Cortelli P, Montagna P, Chen S, Monari L, Petersen RB, Lugaresi E, Autilio-Gambetti L, Gambetti P. Regional distribution of the proteinase K-resistant abnormal isoform of the prion protein in fatal familial insomnia. *Ann Neurol* 38:21-29, 1995.
5. Castellani RJ, Smith MA, Richey PL, Perry G, Gambetti P. Evidence for oxidative stress in Pick disease and corticobasal degeneration. *Brain Res* 696:268-271, 1995.
6. Premkumar DRD, Smith MA, Richey PL, Petersen RB, Castellani RJ, Kutty RK, Wiggert B, Perry G, Kalaria RN. Induction of heme oxygenase-1 mRNA and protein in neocortex and cerebral vessels in Alzheimer disease. *J Neurochem* 65:1399-1402, 1995.
7. Kim P, Castellani RJ, Tresser N. Cerebral venous malformation complicated by spontaneous thrombosis: A case report. *Childs Nerv Syst* 12:172-175, 1996.
8. Castellani RJ, Parchi P, Stahl J, Cohen M, Gambetti P. Early biochemical and pathological changes in Creutzfeldt-Jakob disease: Study of brain biopsies. *Neurology* 46:1690-1693, 1996.
9. Parchi P, Castellani RJ, Capellari S, Ghetti B, Young K, Chen SG, Farlow M, Dickson DW, Sima AAF, Trojanowski JQ, Petersen RB, Gambetti P. Molecular basis of phenotypic variability in sporadic CJD. *Ann Neurol* 39:767-778, 1996.
10. Gallassi R, Morreale A, Montagna P, Castelli P, Avoni P, Castellani RJ, Gambetti P, Lugaresi E. Fatal familial insomnia: Behavioral and cognitive features. *Neurology* 46:935-939, 1996.
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