

## ***Curriculum Vitae***

**R. Nick Hogan, MD, PhD**  
**Department of Ophthalmology**  
**UT Southwestern Medical Center**  
**5323 Harry Hines Blvd.**  
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### Present Position:

- 9/1/2011 -- present    Professor  
Departments of Ophthalmology, Pathology  
Neurology, and Neurosurgery  
University of Texas Southwestern Medical School  
Dallas, TX 75235-8895
- 9/1/03 – 8/31/2011    Associate Professor  
Departments of Ophthalmology, Pathology  
Neurology, and Neurosurgery  
University of Texas Southwestern Medical School  
Dallas, TX 75235-8895
- 7/1/96 – 8/31/03      Assistant Professor  
Departments of Ophthalmology, Pathology  
Neurology, and Neurosurgery  
University of Texas Southwestern Medical School  
Dallas, TX 75235-8895

### Education:

- 7/1/95 - 6/30/96      Fellow in Ocular Oncology/Pathology,  
Assistant in Ophthalmology  
Department of Ophthalmology  
Massachusetts Eye and Ear Infirmary  
Harvard Medical School  
Boston, MA 02114  
(with Dr. Fred Jakobiec)
- 7/1/95 - 6/30/96      Fellow in Ophthalmic Pathology  
Department of Pathology  
Massachusetts General Hospital  
Harvard Medical School  
Boston, MA 02114
- 7/1/95 – 6/30/96      Prelector in Neuro-Ophthalmology  
Department of Ophthalmology  
Massachusetts Eye and Ear Infirmary  
Harvard Medical School  
Boston, MA 02114  
(with Drs. Simmons Lessell, Joe Rizzo)
- 6/94 - 6/95            Fellow in Neuro-Ophthalmology  
Instructor in Ophthalmology  
University of Texas Southwestern Medical School

Dallas, TX 75235  
(with Dr. Carol Zimmerman)

Education (continued):

- 1990 - 6/94      Resident in Ophthalmology  
University of Texas Southwestern Medical School  
Dallas, TX 75235
- 1990 - 1991      Transitional Internship  
(Ophthalmology, Medicine, Neurology, Surgery)  
Parkland Memorial Hospital  
University of Texas Southwestern Medical School  
Dallas, TX 75235
- 1986 - 1990      M.D., 1990  
The George Washington University School of Medicine  
Washington, DC 20037
- 1971- 1977      Ph.D., Neurobiology and Anatomy, 1978  
Thesis: "Dendritic Alterations in Brains of Experimentally  
Hyperphenylalaninemic Rats."  
The University of Rochester, School of Medicine  
Rochester, NY 14620
- 1967 - 1971      B.S., Neuropsychology, 1971  
(interdepartmental major in biology/chemistry/psychology)  
Hobart College, Geneva, NY 14456
- 12/65 - 6/66      P.N., San Diego School of Practical Nursing  
San Diego, California

Professional Licensure:

Medicine, State of Texas, #H-9997  
Medicine, State of Massachusetts, #80897 (inactive)

Board Certification:

American Board of Ophthalmology, 5/1997  
Recertification 5/2005  
Valid thru 12/31/2017

Research Education:

- 9/86 - 5/89      Guest Scientist, Lab of Ophthalmic Pathology,  
National Eye Institute, Bethesda, MD 20892  
(with Dr. David Cogan and Dr. Toichiro Kuwabara)
- 1/86 - 9/86      Senior Staff Fellow, Lab of Neuro-Ophthalmic Pathology  
National Eye Institute, Bethesda, MD 20892  
(with Dr. David Cogan, and Dr. Toichiro Kuwabara)
- 1984 - 1985      Senior Staff Fellow, Neuroimmunology Branch  
National Institute of Neurological and Communicative  
Disorders and Stroke, Bethesda, MD 20892  
(with Dr. Dale McFarlin)
- 1982 - 1984      Senior Staff Fellow, Lab of Molecular Genetics  
National Institute of Neurological and Communicative  
Disorders and Stroke, Bethesda, MD 20892

(With Dr. Monique Dubois-Dalcq, Dr. Carleton Gajdusek,  
Dr. Paul Brown)

Research Education (continued):

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| 1981 - 1982 | Assistant Research Neuropathologist (faculty)<br>Dept. of Neurology, University of California at San Francisco<br>School of Medicine, San Francisco, CA 94143   |
| 1978 - 1981 | Postdoctoral Fellow, Neurovirology/Neuroimmunology<br>Dept. of Neurology, University of California at San Francisco<br>School of Medicine, San Francisco, CA 94143<br>(with Drs. Stanley Prusiner, Richard Baringer, and Ken Johnson) |
| 1976 - 1978 | Postdoctoral Fellow, Neurovirology<br>Division of Infections Diseases, Dept. of Epidemiology<br>Johns Hopkins Medical Institutions, Baltimore, MD<br>(with Drs. Neal Nathanson, Andrew Monjan, and Gerry Cole)                        |

Professional Societies:

Verhoeff-Zimmerman Society (elected 2001)  
American Association of Ocular Pathologists (Board Director)  
Society of Heed Fellows  
North American Neuro-Ophthalmology Society  
Cogan Society for Ophthalmic History  
American Academy of Ophthalmology (Fellow)  
Association for Research in Vision and Ophthalmology  
Contact Lens Association of Ophthalmologists  
Dallas Medical Society  
Texas Medical Association  
American Academy of Neurology (inactive)  
American Association of Neuropathologists (inactive)  
Society for Neuroscience (inactive)  
World Federation of Neurology (inactive)  
Research Council of Neuroepidemiology (inactive)  
International Brain Research Organization (inactive)  
William Beaumont Research Society (inactive)  
Academy of Political Science (inactive)  
Massachusetts Medical Society (inactive)

Professional Associations:

*The International Craniofacial Institute*  
Dallas, Texas  
<http://www.craniofacial.net>

Academic Committee Appointments:

Medical Executive Committee, Zale Lipshy University Hospital	2003- 2006
Medical Executive Committee, Zale Lipshy University Hospital	1997-1998

Grant Reviewer For:

*National Science Foundation:*  
Program for Behavioral and Neural Sciences, and  
Division of Cellular and Molecular Biology, and  
Program for Biological Instrumentation

*National Prion Research Program:*

## Scientific Review Committee

Editorial Board Member*Frontiers in Neuro-Ophthalmology*, Review EditorManuscript Reviewer For:

*Archives of Ophthalmology*  
*Ophthalmology*  
*Investigative Ophthalmology and Visual Science*  
*Journal of Neuro-ophthalmology*  
*Clinical and Experimental Ophthalmology*  
*Journal of the Association for Pediatric Ophthalmology and Strabismus*  
*British Journal of Ophthalmology*  
*Experimental Eye Research*  
*Current Eye Research*  
*Experimental Neurology*  
*Journal of Pediatric Infectious Diseases*  
*Archives of Neurology*

Honors, Awards and Special Scientific Recognition:

- 2009: Appointed Chairman, 2010  
Transmissible Spongiform Encephalopathy Advisory Committee  
Food and Drug Administration, Washington, DC.  
(Term for 5 years 2009-2014)
- 2008: Elected member Board of Directors  
American Association of Ophthalmic Pathologists
- 2007: Visiting Professor  
Department of Ophthalmology  
University of Pennsylvania  
Hershey, PA 9/19/07
- 2007: Appointed Chairman  
"The Cogan Collection"  
NOVEL (Neuro-ophthalmology Virtual Education Library)  
North American Neuro-ophthalmology Society 6/29/07  
<http://library.med.utah.edu/NOVEL/Cogan/>
- 2007: Appointed by Trustees as member of  
COMPASS - Ophthalmic Pathology and Oncology Panel  
American Academy of Ophthalmology  
5/31/07
- 2007: Member  
American Board of Ophthalmology  
Oral Examination Prop Committee/Pathology (3/2007)
- 2006: Keynote Speaker  
American Society of Operating Room Nurses  
Regional Meeting  
Dallas, TX 7/22/06
- 2006: Visiting Professor in Pathology and Neuro-Ophthalmology  
Will's Eye Hospital and Clinics

Philadelphia, PA 5/9 to 5/11/06

Honors, Awards and Special Scientific Recognition (continued):

- 2006: Invited Lecturer  
Arab Regional Congress of Ophthalmology  
Beirut, Lebanon 3/06
- 2005: Jeanne C. Mowe Memorial Lecturer  
American Association of Tissue Banks Annual Meeting  
Ft. Lauderdale, FL 9/18/05
- 2005: Keynote Speaker  
American Association of Operating Room Nurses National Meeting  
Dallas, TX 6/05
- 2004: Appointed, Associate Examiner  
American Board of Ophthalmology
- 2003: Guest Keynote Speaker  
Eye Bank Association of America National Meeting  
New Orleans, LA 10/03
- 2002: Appointed, Member (5 year term)  
FDA Transmissible Spongiform Encephalopathies Advisory Committee
- 2002: Faculty, Neuro-ophthalmologist-in-Residence (5 year term)  
The Multiple Sclerosis Comprehensive Treatment Training Program  
Centers for Disease Control and Prevention/U.S. Congress  
University of Texas Southwestern Medical Center, Dallas, TX
- 2001: Elected Member  
Verhoeff-Zimmerman Society  
Nominated by Lorenz Zimmerman
- 2000: Invited Speaker  
International Symposium on Prion Diseases and Related Processes  
Merieux Foundation, Les Pensieres, Annecy, France,  
November 12-15, 2000
- 2000: Invited Participant (guest)  
Verhoeff-Zimmerman Society  
Washington, D.C., April 13-16, 2000
- 1999: Invited Participant (guest)  
Verhoeff-Zimmerman Society  
Portland, Oregon May 22-25, 1999.
- 1996: Paul A. Chandler Fellow  
Chosen by Residents, Dept. of Ophthalmology  
Harvard Medical School  
Massachusetts Eye and Ear Infirmary  
Boston, MA

Honors, Awards and Special Scientific Recognition (continued):

- 1995: Heed Fellow  
Heed Foundation, Cleveland Ohio  
at Harvard Medical School  
Massachusetts Eye and Ear Infirmary and  
Massachusetts General Hospital  
Boston, MA
- 1990: Walter H. Freeman Award  
Most Outstanding Graduating Student Research  
George Washington University, Washington, DC 5/90
- 1990: William G. Schafhirt Award  
Most Outstanding Essay on Public Health  
George Washington University, Washington, DC 5/90
- 1989: Bender Foundation Medical Scholar Award  
Bender Foundation, Inc., Washington, DC 3/13/89
- 1989: Achievement Rewards for College Scientists Award  
ARCS Foundation, Washington, DC 4/17/89
- 1989: Hilda Drake Ophthalmology Scholarship Award  
Hilda Drake Foundation, New York, NY 6/89
- 1987: Donald M. Glew Memorial Prize  
For Outstanding Medical Research  
William Beaumont Society, Washington, DC 3/24/87
- 1986: Alcon Research Fellowship Award  
presented under auspices of Dr. Jin Kinoshita, Scientific Director,  
National Eye Institute, Washington, DC 9/86
- 1982: Junior Investigator Award  
American Association of Neuropathologists  
IX International Congress of Neuropathologists, Vienna Austria 9/5/1982
- 1979: Travel Award  
Association for Research in Vision and Ophthalmology, Sarasota, FL 4/30/79
- 1979: Leakey Foundation Scholar Award  
"The Hand of Man, Origin in Art and Culture"  
The Leakey Foundation, San Francisco, CA 12/79
- 1979: National Eye Institute, Individual NRSA Trainee Award  
"Virally Induced Retinal Dysplasia in Neonates"  
University of California at San Francisco, School of Medicine
- 1978: Travel Award  
Second International Symposium on the Immunology and Immunopathology  
of the Eye, San Francisco, CA 2/78

Honors, Awards and Special Scientific Recognition (continued):

- 1978: Individual Postdoctoral Fellowship Award  
Neurovirology and Neuroimmunology  
UCSF School of Medicine, San Francisco (with Stan Prusiner)  
From National Institute of Neurological, Communicative Disorders, and  
Stroke, National Institutes of Health
- 1977: *Fight-for-Sight* Postdoctoral Fellowship Award  
"Lymphocytic Choriomeningitis Virus Induced Retinal Dysplasia"  
Johns Hopkins Medical Institutions, Baltimore, MD
- 1976: Postdoctoral Fellowship, Neurovirology  
Johns Hopkins Medical Institutions, from National Institute of Neurologic,  
Communicative Disorders, and Stroke, NIH
- 1975: NIH Predoctoral Fellowship  
University of Rochester School of Medicine, Rochester, NY
- 1975: Medical Alumni Award  
University of Rochester School of Medicine, Rochester, NY
- 1973: Dean's Tuition Award  
University of Rochester School of Medicine, Rochester, NY
- 1971: NDEA Predoctoral Fellowship  
University of Rochester School of Medicine, Rochester, NY

Currently Funded Research:

Development of Techniques to Screen Donor Eyes for Prion Disease  
Eye Bank Association of America

Published Papers:

1. Monjan AM, Hogan RN: Virus-induced retinal dystrophy in the immunologically compromised host. In: *Immunology and Immunopathology of the Eye*, AM Silverstein and RG O'Connor, eds. Mason and Cie, NY pp 370-374, 1979.
2. Hogan RN, Baringer JR, Prusiner SB: Progressive retinal degeneration in scrapie infected hamsters: a light and electron microscopic analysis. *Lab Invest* 44:34-42, 1981.
3. Hogan RN, Coleman PD: Experimental hyperphenylalaninemia. I. Dendritic alterations in motor cortex of rat. *Exp Neurol* 74(1):218-233, 1981.
4. Hogan RN, Coleman PD: Experimental hyperphenylalaninemia. II. Dendritic alterations in cerebellar Purkinje cells of rat. *Exp Neurol* 74(1):234-244, 1981.
5. Kingsbury DT, Kasper KC, Stites DP, Watson JD, Hogan RN, Prusiner SB: Genetic control of scrapie and Creutzfeldt-Jakob disease in mice. *J Immunol* 131(1):491-496, 1983.
6. Hogan RN, Kingsbury DT, Baringer JR, Prusiner SB: Retinal degeneration in experimental Creutzfeldt-Jakob disease. *Lab Invest* 49(6):708-715, 1983.

Published Papers (continued):

7. Hogan RN, Rickeart F, Bellini WJ, Richardson C, Dubois-Dalcq M, McFarlin DE: Early appearance and co-localization of measles virus proteins using double-labeled fluorescent antibody techniques. In: *Non-Segmented Negative Strand Viruses*, DHL Bishop and RW Compans, eds., Academic Press, NY, pp 421-426, 1984.
8. Bellini WJ, Englund G, Richardson CD, Hogan RN, Rozenblatt S, Meyers CA, Lazzarini RA: Positive identification and molecular cloning of the phosphoprotein (p) of measles virus. In: *Non-Segmented Negative Strand Viruses*, DHL Bishop and RW Compans, eds., Academic Press, NY, pp 359-364, 1984.
9. Bale JF, O'Neill ME, Hogan RN, Kern ER: Experimental murine cytomegalovirus infection of ocular structures. I. Infections of retina and optic nerve. *Arch Ophthalmol* 102:1214-1219, 1984.
10. Dubois-Dalcq M, Arnheiter H, Odenwald W, Hogan N, Lazzarini RA: New approaches to study of virus assembly in cultured cells. In: *Slow Transmissible Diseases*, Research Committee on Slow Viruses, Japanese Ministry of Health and Welfare, Tokyo, Japan, pp 1-20, 1984.
11. Ehresmann DW, Hogan RN: Acceleration of scrapie disease in mice by an adenovirus. *Intervirology* 25:103-110, 1986.
12. Hogan RN, Bowman KA, Baringer JR, Prusiner SB: Replication of scrapie prions in hamster eyes precedes retinal degeneration. *Ophthalmic Res* 18:230-235, 1986.
13. McCarron RM, Spatz M, Hogan N, Kempinski O, Muehl L, McFarlin DE: Interaction between myelin basic protein-sensitized T-lymphocytes and murine cerebral vascular endothelial cells. *J Immunol* 137:3428-3435, 1986.
14. Hogan RN, Baringer JR, Prusiner SB: Scrapie infection diminishes spines and increases varicosities of dendrites in hamsters. A quantitative Golgi analysis. *J Neuropathol Exp Neurol* 46:461-473, 1987.
15. Bankewitz KS, Oldfield EH, Plunkett RJ, Schuette WH, Cogan DG, Hogan N, Zuddas A, and Kopin IJ: Apparent unilateral visual neglect in MPTP hemiparkinsonian monkeys is due to delayed initiation of motion. *Brain Res* 541:98-102, 1991.
16. Hogan RN, Albert DM: Does retinoblastoma occur in animals? *Prog Vet Comp Ophthalmol* 1:73-82, 1991.
17. Fish RH, Hogan RN, Nightingale SD, Anand R: Peripapillary angiomatosis associated with cat-scratch neuroretinitis. *Arch Ophthalmol* 110:323,1992.
18. Hogan RN, Cavanagh HD: Transplantation of Corneal Tissue from Donors with Diseases of the Central Nervous System. *Cornea* 14:547-553, 1995.
19. Hogan RN, Jakobiec FA: Molecular pathologic diagnosis of ocular infections. *Int Ophthalmol Clinics*, 36:223-246, 1996.
20. Loewenstein JI, Hogan RN, Jakobiec FA: Osseous metaplasia in a pre-retinal membrane. *Arch Ophthalmol*, 115:117-119, 1997.

Published Papers (continued):

21. Powers JW, Hogan RN, Hu S, Foster CR: Primary varicella keratitis: Diagnosis by PCR. *Am J Ophthalmol*, 123:252-254,1997.
22. Zimmerman CE, Hogan RN, Trang DL: Mydriatic and cycloplegic drugs. In: *Textbook of Ocular Pharmacology*, Zimmerman TH, Kooner KJ, eds, Lippincott-Raven Press, Philadelphia, pp 807-826, 1997.
23. Hogan RN, Zimmerman CE: Sodium Fluorescein and other tissue dyes. In: *Textbook of Ocular Pharmacology*, Zimmerman TH, Kooner KJ, eds, Lippincott-Raven Press, Philadelphia, pp 849-864, 1997.
24. Ryan-Graham MA, Hogan RN, Woog JJ, Jakobiec FA: Periocular Xanthogranuloma. *Arch Ophthalmol* [www.ama-assn.org/public/journals/opht/pw6888.htm](http://www.ama-assn.org/public/journals/opht/pw6888.htm), Feb 5, 1998.
25. Rumelt S, Hogan RN, Rubin, PAD, Jakobiec FA: Four-eyelid sebaceous cell carcinoma following irradiation. *Arch Ophthalmol* 116:1670-1672, 1998.
26. Hogan RN, Brown P, Heck E, Cavanagh HD: Risk of prion disease transmission from ocular donor tissue transplantation. *Cornea*, 18: 2-11, 1999.
27. Cavanagh HD, Hogan RN: Creutzfeldt-Jakob disease. *New England J Med* 340:1688-1689, 1999.
28. Cavanagh HD, Hogan RN: Preventing prion transmission in corneal transplants. *J Am Med Assoc* 282:2211, 1999.
29. Hogan RN: The eye in aging. In, *Principals and Practice of Ophthalmology*, Albert DM, Jakobiec FA (eds), 2nd edition, WB Saunders, Philadelphia, pp 4787-4837, 2000.
30. Shields, JA, Hogan RN, Shields CL, Eagle RC, Kennedy RA, Singh AD: Bilateral cavernous hemangiomas of the orbit. *Brit J Ophthalmol* 84:928-935, 2000
31. Shields, JA, Hogan RN, Shields CL, Eagle RC, Weakley DR: Intraocular lacrimal gland choristoma involving iris and ciliary body. *Am J Ophthalmol* 129:673-675,2000.
32. Hogan RN: Incipient neoplasia of the eye. In: *Pathology of Incipient Neoplasia*, Henson DE and Albores-Saavedra J (eds), 3<sup>rd</sup> edition, Oxford University Press, New York, pp 796-810, 2001.
33. Kennedy RH, Hogan RN, Brown P, Holland E, Johnson RT, Stark W, Sugar J: Eye banking and screening for Creutzfeldt-Jakob Disease. *Arch Ophthalmol* 119:721-726, 2001.
34. Oster JG, Steinert RF, Hogan RN: Reduction of hyperopia associated with manual excision of Salzmann's nodular degeneration. *J Refractive Surg* 17:466-469, 2001.
35. Hogan RN: Carol Francis Zimmerman, MD, February 27, 1952-March 27, 2001. *J Neuro-Ophthalmology* 22:311-312, 2002
36. Hogan RN, Brown P, Cavanagh HD: Qualifications to the report of a new case of Creutzfeldt-Jakob Disease in the recipient of a corneal transplant. *Arch Neurol*, 60:293-294, 2003.
37. Hogan RN: Potential for transmission of prion disease by contact lenses: An assessment of risk. *Eye Contact Lens*, 29(suppl 1):S44-48, 2003.

Published Papers (continued):

38. Frohman TC, Frohman EM, O'Suilleabhain P, Salter A, Dewey RB Jr, Hogan N, Galletta S, Lee AG, Straumann D, Noseworthy J, Zee D, Corbett J, Corboy J, Rivera VM, Kramer PD: Accuracy of clinical detection of INO in MS: corroboration with quantitative infrared oculography. *Neurol* 61:848-850, 2003.
39. Dossey AP, Blomquist PH, Hogan RN: Optic Neuropathy and Retinopathy. *Comp Ophthalmol Update* 4:1-2, 2003.
40. Chen CJ, Scheufele M, Sheth M, Torabi A, Hogan N, Frohman EM: Isolated relative afferent pupillary defect secondary to contralateral midbrain compression. *Arch Neurol* 61:1451-1453, 2004.
41. Reichard RR, White CL, Hogan RN, Hladik CL, Dolinak D: Beta-amyloid precursor protein immunohistochemistry in the evaluation of pediatric traumatic optic nerve injury. *Ophthalmology* 111:822-827, 2004.
42. Hogan RN: Orbital inflammation and infection. In: *Essentials of Neuro-Ophthalmology*, Levin L and Arnold A (eds), WB Saunders, New York, pp. 356-386, 2005.
43. Hogan RN: Cataract knives and CJD: Is there a connection? *Outpatient Surg* 5(12):3-6, 2004.
44. Blomquist PH, Hogan RN, Shaw JW: Inflammation after couching. *Comp Ophthalmol Update* 6(6):299-301, 2005.
45. Kelley PS, Dossey AP, Patel D, Whitson JT, Hogan RN, Cavanagh HD: Secondary glaucoma associated with advance acanthamoeba keratitis. *Eye & Contact Lens*, 32(4):178-182, 2006.
46. Awwad ST, Heilman M, Hogan RN, Parmar DN, Petroll WM, McCulley JP, Cavanagh HD: Severe reactive ischemic posterior segment inflammation in acanthamoeba keratitis: a new potentially blinding syndrome. *Ophthalmology*, 114:313-20, 2007.
47. Qu X, Zou Z, Sun Q, Luby-Phelps K, Cheng P, Hogan RN, Gilpin C, Levine B: Autophagy gene-dependent clearance of apoptotic cells during embryonic development. *Cell*, 128:931-46, 2007.
48. Chen PW, Mellon JK, Mayhew E, Wang S, He YG, Hogan N, Niederkorn JY. Uveal melanoma expression of indoleamine 2,3- deoxygenase: establishment of an immune privileged environment by tryptophan depletion. *Exp Eye Res*, 85:617-25, 2007
49. Knapp S, McCulley JP, Alvarado TP, Hogan RN: Comparative ocular anatomy of the western lowland gorilla. *Vet Ophthalmol*, 10:357-62, 2007.
50. Witherspoon SR, Hogan RN, Petroll WM, Mootha VV: Slit-lamp, Confocal, and light microscopic findings of corneal siderosis. *Cornea*, 26:1270-2, 2007.
51. Awwad ST, Pascuale MA, Hogan RN, Forstot SL, McCulley JP, Cavanagh HD. Avellino corneal dystrophy worsening after laser in-situ keratomileusis: further clinicopathologic observations and proposed pathogenesis. *Am J Ophthalmology*, 145:656-661, 2008.
52. Hogan RN: The eye in aging. In, *Principals and Practice of Ophthalmology*. Albert DM, Jakobiec FA (eds), 3<sup>rd</sup> edition, WB Saunders, Philadelphia, 2008.

Published Papers (continued):

53. Yang W, Li H, Chen PW, Alizadeh H, He Y, Hogan RN, Niederkorn JY. PD-L1 expression on human ocular cells and its possible role in regulating immune-mediated ocular inflammation. *Inves Ophthalmol Vis Sci*, 50:273-280, 2009.
54. Eagle RC, Grossniklaus H, Syed N, Hogan RN, Lloyd WC, Folberg R: Inadvertent evisceration of eyes containing uveal melanoma. *Arch. Ophthalmol*. P141-145, 2009.
55. Prasher P, Muftuoglu O, Hsiao ML, Bowman RW, Hogan RN, Mootha VV. Epithelial downgrowth after descemet stripping automated endothelial keratoplasty. *Cornea*. 2009 Jul; 28(6):708-11.
56. Rakheja D, Uddin N, Mitui M, Cope-Yokoyama S, Hogan RN, Burns DK. Fetal akinesia Deformation sequence and neuroaxonal dystrophy without PLA2G6 mutation. *Pediatr Dev Pathol*. 13:192-201, 2010.
57. Awwad ST, Ghosn S, Hogan RN. Calciphylaxis of the temporal artery masquerading as temporal arteritis. *Clinical and experimental ophthalmology*, 38: 511-513, 2010.
58. Rollins NR, Booth T, Hogan RN: Anterior ocular chamber enhancement in children: Indicator of pathology or incidental finding? *Am J Neuroradiology*, submitted.

#### Published Communications:

1. Hogan RN: Dendritic alterations in brains of experimental hyperphenylalaninemic rats. *J Neuropathol Exp Neurol* 37:628,1978.
2. Hogan RN, Monjan AM: Lymphocytic choriomeningitis virus: persistence and CNS pathology. *J Supramolecular Struct* 2:(suppl)278,1978.
3. Hogan RN, Monjan AM: Loss of retinal outer nuclear layer integrity in immune reconstituted, thymectomized rats infected with lymphocytic choriomeningitis virus. *Invest Ophthalmol Vis Sci* 18:(suppl)56, 1979.
4. Hogan RN, Kingsbury DT, Baringer JR, Prusiner SB: Retinal degeneration in experimental Creutzfeldt-Jakob disease. *Proc. IXth Internat Congr Neuropathol*, Vienna, Austria, Sept 5-10, 1982.
5. Bale JF, O'Neill ME, Hogan RN, Kern ER: Experimental murine cytomegalovirus infection of the eye. *Pediat Res* 17:265, 1983.
6. Bale JF, O'Neill ME, Hogan RN, Kern ER: Murine cytomegalovirus infection of the eye. *J Cell Biochem* 8A:18, 1984.
7. Hogan RN, Baringer JR, Prusiner SB: Quantitative analysis of dendritic alterations in brain of scrapie infected hamsters. *Soc Neurosci Abstr* 10:994, 1984.
8. Dubois-Dalcq M, Arnheiter H, Odenwald W, Hogan N, Lazzarini R: Assembly of virus in cultured cells. *Proc Slow Virus Infection Workshop*, Tokyo, Japan, 1984.
9. Hogan RN, Bellini WJ, Richardson CR: Mechanisms of assembly of measles virus studied in platinum replicas of cytoplasmic surfaces of infected cells. *Proc Sixth International Congr Virol*, Sendi, Japan, 1984.

#### Published Communications (continued):

10. Hogan RN, McCarron RM, Spatz M, McFarlin DE: Immunocytochemical characterization of class II MHC antigen in murine cerebral capillary endothelial cells. *J Neuropathol Exp Neurol* 45:357, 1986.
11. Heuser JE, Dubois-Dalcq M, Hogan RN, Jordan CA, Lazzarini RA: Deep etch analysis of defects in budding of measles virus mutants. *J Cell Biol* 103 (pt II):113a, 1986.
12. Porrino LJ, Ho VW, Palombo E, Kennedy C, Hogan N, Kuwabara T, Cogan DG, Bankewitz KS, Kopin IJ, Sokoloff L: Columnar organization of metabolic activity in the striate cortex of hemiparkinsonian monkeys. *Neurology* 37:(suppl 1) 340, 1987.
13. Cytryn A, Hogan N, Bankiewicz C: The effect of MPTP on the retina of rhesus monkeys. *Invest Ophthalmol Vis Sci, ARVO Abstracts Suppl* p. 335, 1989.
14. Hogan RN, Cavanagh HD: Transplantation of corneal tissue from donors with diseases of the central nervous system. *Proceedings 1995 Eye Bank Association Meeting*, 1995
15. You TT, Hogan RN, Yuhan KR, Foster CS, Dohlman CH: Pathologic corneal responses in Stevens Johnson Syndrome. *Invest Ophthalmol Vis Sci* 37:S1023, 1996.
16. You TT, Hogan, RN, Foster CS, Dohlman CH: A clinicohistopathologic study of cornea in Erythema Multiforme Major, *American Academy of Ophthalmology*, 1997.
17. Hogan RN: Julius Halervoorden—Lessons from Nazi medicine. *Proceedings American Academy of Ophthalmology Meeting*, San Francisco, 1997.
18. Hogan RN, Heck E, Cavanagh HD: The risk of transmission of Prion diseases by corneal transplantation. *Proceedings Eye Bank Association of Texas*, Dallas, TX, 1998.
19. Hogan RN, Zimmerman CE: Epstein-Barr virus induced neuroretinitis, *Proceedings Internat Soc Neuro-Ophthalmology*, Dublin, Ireland, July, 1998.
20. Chan R, Hsu JK, Weakley DR, Hogan N: A rare case of congenital melanoma. *Investigative Ophthalmol Vis Sci, ARVO Abstract Suppl*, p.52, 1998.
21. Hogan RN, Heck E, Cavanagh HD: Risk of transmission of prion diseases from ocular donor tissue transplantation. *Proceedings 1998 Eye Bank Association Meeting*, 1998.
22. Zimmerman CZ, Warren KH, Hogan RN: Optic nerve sheath decompression (ONSD) for childhood pseudotumor cerebri. *Proceedings American Academy of Ophthalmology Meeting*, New Orleans, 1998.
23. Hogan RN: TSE decontamination and safety issues: Ophthalmology. *Proceedings International Symposium on Transmissible Spongiform Encephalopathies and Related Processes*. Meriux Foundation. Annecy, France, p 85, 2000.
24. Hogan RN: Clinical and experimental transmission of spongiform encephalopathies by corneal transplantation. *Proceedings of FDA Advisory Committee on Transmissible Spongiform Encephalopathies*. <http://www.fda.gov/ohrms/dockets/ac/01/slides/3681s1.htm> Bethesda, MD, January, 2001.
25. Hogan RN: Tracing the etiology and pathology of Creutzfeldt-Jakob Disease. Guest editorial. *Eyeworld* 6:17, 2001. and <http://www.eyeworld.org/may01/0501p17.asp>

Published Communications (continued):

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