

Curriculum Vitae

Name: Robert Nickey Hogan (Nick)

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Present Position:

9/1/11- present	Professor Departments of Ophthalmology, Pathology, Neurology/Therapeutics, and Neurological Surgery University of Texas Southwestern Medical School Dallas, TX 75235-9057
9/1/03 - 8/31/11	Associate Professor Departments of Ophthalmology, Pathology, Neurology/Neurotherapeutics and Neurological Surgery University of Texas Southwestern Medical School Dallas, TX 75235-9057
7/1/96 – 8/31/03	Assistant Professor Departments of Ophthalmology, Pathology, Neurology/Therapeutics, and Neurological Surgery University of Texas Southwestern Medical School Dallas, TX 75235-9057

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)
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
<u>Professional Licensure:</u>	Medicine, State of Texas, #H-9997 Medicine, State of Massachusetts, #80897 (inactive)
<u>Board Certification:</u>	American Board of Ophthalmology, 5/1997 Recertification 5/2005 Valid thru 12/31/2017
<u>Research Education:</u>	
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)
1981 - 1982	Assistant Research Neuropathologist (faculty) Dept. of Neurology, University of California at San Francisco School of Medicine, San Francisco, CA 94143
1978 - 1981	Postdoctoral Fellow, Neurovirology/Neuroimmunology Dept. of Neurology, University of California at San Francisco School of Medicine, San Francisco, CA 94143 (with Drs. Stanley Prusiner, Richard Baringer, and Ken Johnson)
1976 - 1978	Postdoctoral Fellow, Neurovirology Division of Infections Diseases, Dept. of Epidemiology Johns Hopkins Medical Institutions, Baltimore, MD (with Drs. Neal Nathanson, Andrew Monjan, and Gerry Cole)

Professional Societies:

Verhoeff-Zimmerman Society (elected 2001)
 American Association of Oncologists and Pathologists (Board Director)
 Society of Heed Fellows
 North American Neuro-Ophthalmology Society
 Eastern Ophthalmic Pathology 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)
 FDA Transmissible Spongiform Encephalopathy Advisory Committee, Chairman

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 Editor

Manuscript 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
Pediatric Neurology

Honors, Awards and Special Scientific Recognition:

2013:	Invited Guest Speaker World Congress on Infant Head Trauma Dallas, TX November 17, 2013
2013	Visiting Professor Department of Ophthalmology Dalhousie University Halifax, Nova Scotia October 2013
2012:	Elected Member Invited Guest Speaker Eastern Ophthalmologic Pathology Society Coral Gables, FL October 26, 2012
2012:	Elected Member Eastern Ophthalmologic Pathology Society October 27, 2012
2012:	Co-Chairman Frank Walsh Society Meeting San Antonio, TX February 11, 2012

- 2011: Appointed Member
American Board of Ophthalmology
Content Review Committee
- 2010: Vice-Chairman, Site Visit Committee,
Lab of Bacterial, Parasitic, and Unconventional Agents
CBER, FDA
Washington, DC
- 2009: Appointed Chairman
Transmissible Spongiform Encephalopathy Advisory Committee
Food and Drug Administration, Washington, DC.
(Term for 5 years 2009-2014)
- 2009: Visiting Professor
Department of Neurological Surgery
UT Southwestern Medical Center
5/22/09
- 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 AAO 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
- 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
- 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
- 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.
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.
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, 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), 3rd 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.
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), 3rd edition, WB Saunders, Philadelphia, 2008.
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. *Invest 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. Jakobiec FA, Kirzhner M, Tollett MM, Mancini R, Hogan RN. Solitary epithelioid histiocytoma (reticulohistiocytoma) of the eyelid. *Arch Ophthalmol*, 2011 Nov;129(11):1502-4.
59. Kim SY, Muftuoglu O, Hogan RN, Bowman RW, Cavanagh HD, McCulley JP, Mootha VV. Histopathology and spectral domain OCT findings of pneumatic-assisted dissection in DALK. *Cornea* 31(11) 1288-93 (2012).

60. Mancini R, Hogan RN, Crum A: Extramedullary hematopoietic lesion of the orbit presenting as a ring enhancing lesion. *Ophthalmic Plastic and Reconstructive Surgery*, 2013 Jan;29(1) 20(1)e8-e10.
61. Muftuoglu O, Toro P, Hogan RN, Bowman RW, Cavanagh HD, McCulley JP, Mootha VV: Sarnicola V. Sarnicola air-visco bubble technique in deep anterior lamellar keratoplasty. *Cornea* 2013, 32 (4):527-532.
62. Beal CJ, Pao KY, Hogan RH: Secondary intracranial hypertension due to levothyroxine use: case report and review. *Journal of Pediatric Ophthalmology and Strabismus*. In print.
63. Vrcek I, Gilliland G, Hogan RH: Orbital liposarcoma masquerading as a hemangioma. *Orbit*. In print.
64. Crum AV, Morris H, Hogan RN, Mancini R: Extramedullary hematopoietic lesion of the orbit presenting as a ring enhancing lesion. *Ophthalmic Plastic Reconstructive Surgery*, 2013 Jan-Feb; 29(1):e8-e10.
65. Saeedi OJ, Iyer SA, Mohiuddin AZ, Hogan RN: Exophiala jeanselmei keratitis: case report and review of literature. *Eye Contact Lens*. 2013 Nov;39(6):410-2.
66. Chun SG, Iyengar P, Gerber DE, Hogan RN, Timmerman RD: Optic neuropathy and blindness associated with crizotinib for non-small-cell lung cancer with eml4-alk translocation. *Journal of Clinical Oncology*. 2014 Mar 10. [epub ahead of print] DOI:10.1200/JCO.2013.49.1985.

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.
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.
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2. Hogan RN, Neuro-ophthalmic complications in Ollier's Disease. *In Preparation*
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6. Hogan RN, Bankiewicz CR, Citron M: Retinal pigment epitheliopathy in MPTP-induced Parkinson's disease in monkeys. *In Preparation*.
7. Hogan RN, Brown P: Retinal degeneration in primates infected with Creutzfeldt-Jakob Disease, scrapie, and kuru. *In Preparation*.
8. Hogan RN: Julius Hallervorden: Science versus Source, *In Preparation*.
9. Hogan RN: Retinal degeneration in the human spongiform encephalopathies. *In Preparation*.
10. Hasseim N, Awad S, Hogan RN: Eccrine poroma of the eyelid. *In Preparation*.
11. Hogan RN: Lymphoepithelial cyst of lacrimal gland with atypical lymphocyte proliferation. *In preparation*
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Invited Seminars: 87 invited seminars in USA
 8 invited seminars in Europe

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