



CURRICULUM VITAE
JOHN WESLEY GRIFFIN, M.D.
April 2007

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EDUCATION: 1960-1963 Grinnell College B.A.
Grinnell, Iowa
1963-1968 Stanford University M.D.
School of Medicine
Stanford, California

POSTGRADUATE TRAINING: 1968-1969 Medical Intern
Stanford University Hospital
Stanford, California
1969-1970 Medical Residency
Stanford University Hospital
Stanford, California
1970-1973 Neurology Residency
(including one year of Neuropathology)
The Johns Hopkins Hospital
Baltimore, Maryland
1973-1975 Clinical Associate
Medical Neurology Branch
National Institutes of Neurological and
Communicative Disorders and Stroke
Bethesda, Maryland

PREVIOUS APPOINTMENTS:

1975-79 Assistant Professor, Department of Neurology, Johns Hopkins University School of Medicine,
Baltimore, Maryland
1979-86 Associate Professor, Department of Neurology, Johns Hopkins University School of Medicine,
Baltimore, Maryland
1983-86 Associate Professor, Department of Neuroscience, Johns Hopkins University School of Medicine,
Baltimore, Maryland
1989-1997 Associate Director, Department of Neurology, The Johns Hopkins University School of Medicine,
Baltimore, Maryland
1997-1998 Interim Director, Department of Neurology, Johns Hopkins University School of Medicine,
Baltimore, Maryland
1998-2006 Director, Department of Neurology, Neurologist-in-Chief, Johns Hopkins University School of
Medicine, Baltimore, Maryland

CURRENT APPOINTMENTS:

- 1986- Professor, Departments of Neurology and Neuroscience, Johns Hopkins University School of Medicine, Baltimore, Maryland
 Director, Peripheral Nerve Laboratories, Johns Hopkins University School of Medicine, Baltimore, Maryland
- 1999- Professor, Department of Pathology, Johns Hopkins University School of Medicine, Baltimore, Maryland
- 2007- Director, Brain Science Institute, Johns Hopkins University School of Medicine, Baltimore, Maryland

LICENSURES AND BOARDS

Licensed, State of Maryland (#D17426)

- 1974 Certified, National Board of Internal Medicine (6/19/74) - #48683
 1976 Certified, National Board of Psychiatry and Neurology (4/76) - #15041

HONORS AND NAMED LECTURESHIPS:

- 1963 Phi Beta Kappa
 1968 Alpha Omega Alpha
 1986 Professors Award for Excellence in Teaching, Johns Hopkins University School of Medicine, Baltimore, Maryland
 1986 Frank R. Ford Teaching Award, Department of Neurology, Johns Hopkins University School of Medicine, Baltimore, Maryland
 1986 House Staff Basic Science and Clinical Teaching Prize, Johns Hopkins School of Medicine, Baltimore, Maryland
 1986 McNaughton Lecturer, McGill University School of Medicine, Montreal, Quebec, Canada
 1987 Jacob K. Javits Award, National Institutes of Neurological Diseases and Stroke
 1987 Professors Award for Teaching, Johns Hopkins University School of Medicine, Baltimore, Maryland
 1989 Dana Foundation Lecture, Columbia University School of Medicine, New York, New York
 1990 Heritage Foundation Lecturer, University of Calgary, Calgary, Alberta
 1994 Speaker, Peter J. Dyck Symposium, Peripheral Nerve Association, St. Paul, Minnesota
 1995 Richard Paddison Lecturer, Louisiana State University Department of Neurology, New Orleans, Louisiana
 1995 Henry Selkurt Lecture, Basic Science Departments (Host Department-- Physiology), University of Indiana School of Medicine, Indianapolis, Indiana
 1996 Robert Wartenberg Lecture, American Academy of Neurology, San Francisco, California, April, 1996
 1997 Joseph St. Geme Lecture, University of Colorado School of Medicine, Denver, Colorado, January, 1997
 1997 Soriano Lecture, American Neurological Association
 1998 Keynote Lecture, Charcot-Marie-Tooth Association meeting, Chanticleer, Quebec, Canada
 1998 Plenary Lecture, "Mechanisms of Axonal Degeneration", International Congress on Neuromuscular Disease, Adelaide, Australia
 1999 Dean's Lecture, "Guillain Barre Syndrome: Lessons from the Developing World", Johns Hopkins University School of Medicine, Baltimore, Maryland
 2002 David Seegal Alpha Omega Alpha Visiting Professor, Columbia University School of Medicine, New York, New York
 2002 Plenary Lecture, "Painful Peripheral Neuropathies and C Fiber Nociceptors", International Association of Study of Pain World Congress, San Diego, California
 2004 Member, Institute of Medicine of the National Academies

HONORARY DEGREES:

- 1993 Honorary Professor of Neurology, Hebei Medical College and the Second Teaching Hospital of Hebei Medical College, Shijiazhuang, Hebei Province, China
 1995 Honorary Attending Physician, Hebei Province Ministry of Health, Hebei Province, China

SOCIETIES:

American Academy of Neurology
 American Neurological Association
 Society for Neuroscience
 Society for Experimental Neuropathology
 Peripheral Nerve Society

EXTERNAL COMMITTEES:

1978-81 Member, Scientific Program Committee, American Academy of Neurology
 1984, 1987, 1988 Scientific Program Committee, American Neurological Association
 1986 Program Director, Peripheral Nerve Association of America Meeting, November, 1986, Hilton Head, South Carolina
 1987-88 Organizing committee and evaluation panel member, NIH-ADA Consensus Conference on Diabetic Neuropathy
 1988-92 Neurological Disorders Program Project Study Section B, National Institute of Health
 1989-present Interurban Clinical Club
 1989-present Council, Society for Experimental Neuropathology
 1990-94 Medical Advisory Board, Charcot-Marie-Tooth Association
 1990-94 Board, Peripheral Nerve Association of America
 1990-91 Membership Committee, American Neurological Association
 1990-93 Scientific Advisory Committee, Amyotrophic Lateral Sclerosis Association
 1993-95 President, Society for Experimental Neuropathology
 1994-95 Chair, Scientific Advisory Committee, Amyotrophic Lateral Sclerosis Assn
 1991 Co-Organizer (with Dr. A. Sumner), Peripheral Nerve Study Group Meeting, Harriman, New York, July, 1991
 1991-92 Chair, Membership Committee, American Neurological Association
 1990-94 Scientific Advisory Committee, Amyotrophic Lateral Sclerosis Assn (Chair, 1994)
 1992-94 Councillor for the American Neurological Association
 1994-95 Member, Consensus Panel of the Peripheral Nerve Society: Diabetic Polyneuropathy in Controlled Clinical Trials
 1994-1998 Chair, Long-Range Planning Committee, American Neurological Association
 1994-1997 Medical Advisory Board, Muscular Dystrophy Association
 1994-95 President, Society for Experimental Neuropathology
 1995-97 President-Elect, Peripheral Nerve Society
 1997-1999 President, Peripheral Nerve Society
 1996-1997 Second Vice President, American Neurological Association
 1997-1998 First Vice President, American Neurological Association
 1999-present Council, National Advisory Neurological Disorders and Stroke
 2000-present Translational Research Advisory Committee, Burroughs Wellcome Foundation
 2001-2003 President Elect, American Neurological Association
 2002-present Co-Chair, Scientific Committee, American Academy of Neurology
 2003-2005 President, American Neurological Association

INSTITUTIONAL COMMITTEES:

1987-90 Chairman, Institutional Grants Review Board
 1985-94 Chairman, Appointments and Promotions Committee, Department of Neurology
 1987-present Instructor and Assistant Professor Reappointments Committee
 1993 Rehabilitation Chair Search Committee
 1994-present Clinical Scientist Award Committee
 1994-1996 Faculty Practice Reorganization Committee
 1996-2001 Professorial Promotion Committee
 1997-present Advisory Board of the Medical Faculty, Johns Hopkins Medicine
 1998 Orthopedics Chair Search Committee
 1999 Neurosurgery Chair Search Committee

2000-2001	Psychiatry Chair Search Committee
2000-present	Finance Committee, Johns Hopkins University School of Medicine
2000-2003	Agenda Committee of the Medical Faculty Advisory Board, Johns Hopkins Medicine
2000-present	Board of Governors, Clinical Practice Association
2002-2003	Molecular Biology & Genetics Chair Search Committee
2002-present	Institutional Conflict of Interest Policy Committee
2002-present	Co-Chair, Committee on Faculty Development & Gender
2003	Anesthesiology/Critical Care Medicine Chair Search Committee
2004	Chair, Neuroscience Chair Search Committee

EDITORIAL BOARD:

Muscle and Nerve, 1987-1991, 1998-2001
Neurotoxicology, 1982-1993
Neuromuscular Disorders, 1990-1994

EDITOR:

Peripheral Neuropathy, Third and Fourth Editions, Dyck, P.J., Thomas, P.K., Griffin, J.W., Poduslo, J., and Low, P., eds., Saunders, 1992 and in preparation

Current Therapy in Neurologic Disease, Johnson, R.T., Griffin, J.W. eds., B.C. Decker, St. Louis, 1993, 1996, 2001.

Section editor for Neurology, *Kelley's Textbook of Internal Medicine*, Humes, D., ed., Lippincott-Raven, 2000

Myelin And Its Diseases, Lazzarini, R.A., Griffin, J.W., Lassmann, H., Trapp, B.D. eds, Academic Press, San Diego, CA, in press.

BIBLIOGRAPHY**Publications - Original Articles**

1. Rauch HC and Griffin JW: Passive transfer studies in experimental allergic encephalomyelitis. *Int Arch Allerg* 36 Suppl:387-400, 1969
2. Griffin JW, Thompson RW, Mitchinson MG, deKiewiet JC and Welland FH: Lymphomatous leptomeningitis. *Am J Med* 51:200-208, 1971
3. Griffin JW, Price DL, Davis L and McKhann GM: Granulomatous angiitis of the central nervous system with aneurysms on multiple cerebral arteries. *Trans Am Neurol Assoc* 98:25-28, 1973
4. Zee DS, Griffin JW and Price DL: Unilateral pupillary dilatation during adverse seizures. *Arch Neurol* 30:403-405, 1974
5. Price DL, Griffin JW, Young A, Peck K and Stocks A: Tetanus toxin: direct evidence for retrograde intraaxonal transport. *Science* 188:945- 947, 1975
6. Price DL and Griffin J: Neural transport of tetanus toxin. *Science* 192: 159, 1976
7. Griffin JW, Drachman DB and Price DL: Fast axonal transport in motor nerve regeneration. *J Neurobiol* 7:355-370, 1976
8. Griffin JW, Price DL, Drachman DB and Engel WK: Axonal transport to and from the motor nerve ending. *Ann NY Acad Sci* 274:31-45, 1976
9. Price DL, Stocks A, Griffin JW, Young A and Peck K: Glycine-specific synapses in rat spinal cord: identification by electron microscope autoradiography. *J Cell Biol* 68:389-395, 1976
10. Pestronk A, Drachman DB and Griffin JW: Effect of muscle disuse on acetylcholine receptors. *Nature* 260:352-358, 1976
11. Pestronk A, Drachman DB and Griffin JW: Effect of botulinum toxin on trophic regulation of acetylcholine receptors. *Nature* 264:787-789, 1976
12. Griffin JW, Price DL, Engel WK and Drachman DB: The pathogenesis of reactive axonal swellings: role of axonal transport. *J Neuropathol Exp Neurol* 36:214-227, 1977
13. Price DL, Griffin JW and Peck K: Tetanus toxin: evidence for binding at presynaptic nerve endings. *Brain Res* 121:379-384, 1977
14. Griffin JW, Price DL and Drachman DB: Impaired Axonal regeneration in acrylamide intoxication. *J*

- Neurobiol 8:355-370, 1977
15. Price DL and Griffin, JW: Tetanus Toxin: retrograde axonal transport of systemically administered toxin. *Neurosci Lett* 4:61-65, 1977
 16. Griffin JW, Goren E, Schaumburg HH, Engel WK and Loriaux L: Adrenomyeloneuropathy: a probable variant of adrenoleukodystrophy. I. Clinical and endocrinologic aspects. *Neurology* 27:1107-1113, 1977
 17. Schaumburg HH, Powers JM, Raine CS, Spencer PS, Griffin JW, Prineas JW and Boehme DM: Adrenomyeloneuropathy: a probable variant of adrenoleukodystrophy II General pathologic, neuropathologic, and biochemical aspects. *Neurology* 27:1114-1119, 1977
 18. Carroll PT, Price DL, Griffin JW and Morris J: Tetanus toxin: immunocytochemical evidence for retrograde transport. *Neurosci Lett* 8:335-339, 1978
 19. Griffin JW, Hoffman PN, Clark AW, Carrol PT and Price DL: Slow axonal transport of neurofilament proteins: impairment by β, β' -iminodipropionitrile administration. *Science* 202:633-635, 1978
 20. Cork LC, Griffin JW, Munnell JF, Lorenz MD, Adams RJ and Price DL: Hereditary canine spinal muscular atrophy. *J Neuropathol Exp Neurol* 38:209-221, 1979
 21. Lorenz MD, Cork LC, Griffin JW, Adams RJ and Price DL: Hereditary spinal muscular atrophy in Brittany Spaniels: clinical manifestations. *J Am Vet Med Assoc* 175:833-839, 1979
 22. Griffin JW, Price DL, Kuethe DO and Goldberg AM: Neurotoxicity of misonidazole in rats I. *Neuropathology Neurotoxicol* 1:299-312, 1979
 23. Griffin JW: Chemical neurotoxins as research tools. Editorial *Neurotoxicol* 1:486-487, 1979
 24. Clark AW, Griffin JW and Price DL: The axonal pathology in chronic IDPN intoxication. *J Neuropathol Exp Neurol* 39:42-55, 1980
 25. Cork LC, Griffin JW, Adams RJ and Price DL: Motor neuron disease: spinal muscular atrophy and amyotrophic lateral sclerosis Animal model: hereditary canine spinal muscular atrophy. *Am J Pathol* 100:599-602, 1980
 26. Pestronk A, Drachman DB and Griffin JW: Effects of aging on nerve sprouting and regeneration. *Exp Neurol* 70:65-82, 1980
 27. Pestronk A, Drachman DB, Stanley EF, Price DL and Griffin JW: Cholinergic transmission regulates extrajunctional acetylcholine receptors. *Exp Neurol* 70:690-696, 1980
 28. Griffin JW, Price DL, Drachman DB and Morris J: Incorporation of axonally transported glycoproteins into axolemma during nerve regeneration. *J Cell Biol* 88:205-214, 1981
 29. Griffin JW and Abbruzzese JL: Postural hypotension. *Johns Hopkins Med J* 148:127-131, 1981
 30. Price DL and Griffin JW: Immunocytochemical localization of tetanus toxin to synapses of spinal cord. *Neurosci Lett* 23:149-155, 1981
 31. Winklestein JA, Cork LC, Griffin DE, Griffin JW, Adams RJ and Price DL: Genetically determined deficiency of the third component of complement in the dog. *Science* 212:1169-1170, 1981
 32. Troncoso JC, Johnston MV, Hess KM, Griffin JW and Price DL: Model of Wernicke's encephalopathy. *Arch Neurol* 38:350-354, 1981
 33. Griffin JW and Roistacher K: Local tetanus. *Johns Hopkins Med J* 149:84-88, 1981
 34. Griffin JW and Price DL: Demyelination in experimental β, β' -iminodipropionitrile and hexacarbon neuropathies: Evidence for an axonal influence. *Lab Invest* 45:130-141, 1981
 35. Griffin JW and Price DL: Schwann cell and glial responses in β, β' -iminodipropionitrile intoxication I Schwann cell and oligodendrocyte ingrowths. *J Neurocytol* 10:995-1007, 1981
 36. Griffin JW: Hexacarbon neurotoxicity. *Neurobehav Toxicol Teratol* 3:437-444, 1981
 37. Cork LC, Griffin JW, Choy C, Padula CA and Price DL: Pathology of motor neurons in accelerated hereditary canine spinal muscular atrophy. *Lab Invest* 46:89-99, 1982
 38. Parhad, IM, Griffin, JW, Price, DL, Clark, AW, Cork, LC, Miller, NR, and Hoffman, PN: Intoxication with β, β' -iminodipropionitrile: a model of optic disc swelling. *Lab Invest* 46:186-95, 1982
 39. Troncoso JC, Griffin JW, Price DL and Hess-Kozlow KM: Pathology of the peripheral neuropathy induced by p-bromophenylacetylurea. *Lab Invest* 46:215-223, 1982
 40. Drachman DB, Stanley EF, Pestronk A, Griffin JW and Price DL: Neurotrophic regulation of two properties of skeletal muscle by impulse-dependent and spontaneous acetylcholine transmission. *J Neurosci* 2:232-243, 1982
 41. Griffin JW, Gold BG, Cork LC, Price DL and Lowndes HE: IDPN neuropathy in the cat: coexistence of proximal and distal axonal swellings. *Neuropathol Appl Neurobiol* 8:351-364, 1982
 42. Troncoso JC, Price DL, Griffin JW and Parhad IM: Neurofibrillary axonal pathology in aluminum intoxication. *Ann Neurol* 12:278-283, 1982

43. Griffin JW, Fahnestock KE, Price DL and Hoffman PN: Microtubule-neurofilament segregation produced by β,β' -iminodipropionitrile evidence for the association of fast axonal transport with microtubules. *J Neurosci* 3:557-566, 1983
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45. Griffin JW, Fahnestock KE, Price DL and Cork LC: Cytoskeletal disorganization induced by local application of β,β' -iminodipropionitrile and 2,5-hexanedione. *Ann Neurol* 14:55-61, 1983
46. Hoffman PN, Lasek RJ, Griffin JW and Price L: Slowing of the transport of neurofilament proteins during development. *J Neurosci* 3:1694-1700, 1983
47. Griffin JW, Price DL and Hoffman PN: Neurotoxic probes of the axonal cytoskeleton. *Trends Neurosci* 6:490-495, 1983
48. Yoshino J, Griffin JW and DeVries G: Preparation of an axolemmal-enriched fraction from peripheral nerve. *J Neurochem*, 41:1126-1130, 1983
49. Bailey GD and Griffin JW Design and use of a radiation microprobe to study axonal transport. *Johns Hopkins APL Tech Digest* 4:80-84, 1983
50. Parhad IM, Griffin JW, Clark AW and Koves JF: Doxorubicin intoxication: neurofilamentous axonal changes with subacute neuronal death. *J Neuropathol Exp Neurol* 43:188-200, 1984
51. Sack GH Jr, Cork LC, Morris JM, Griffin JW and Price DL: Autosomal dominant inheritance of hereditary canine spinal muscular atrophy. *Ann Neurol* 15:369-373, 1984
52. Clark AW, Parhad IM, Griffin JW and Price DL: Neurofilamentous axonal swellings as a normal finding in the spinal anterior horn of man and other primates. *J Neuropathol Exp Neurol* 43:253-262, 1984
53. Bahmanyar S, Liem RKH, Griffin JW and Gadjusek DC: Characterization of antineurofilament autoantibodies in Creutzfeldt-Jakob disease. *J Neuropathol Exp Neurol* 43:369-375, 1984
54. Hoffman PN, Griffin JW and Price DL: Control of axonal caliber by neurofilament transport. *J Cell Biol* 99:705-714, 1984
55. Griffin JW, Anthony DC, Fahnestock KE, Hoffman PN and Graham DG: 3,4-Dimethyl-2,5-hexanedione impairs the axonal transport of neurofilament proteins. *J Neurosci* 4:1516-1526, 1984
56. Trapp BD, Quarles RH and Griffin JW: Myelin-associated glycoprotein and myelinating Schwann cell-axon interaction in chronic β,β' -iminodipropionitrile neuropathy. *J Cell Biol* 82:1272-1278, 1984
57. Gold, BG Griffin JW and Price DL: Slow axonal transport in acrylamide neuropathy: different abnormalities produced by single-dose and continuous administration. *J Neurosci* 5:1755-1768, 1985
58. Griffin JW, Parhad I, Gold B, Price D, Hoffman P and Fahnestock K: Axonal transport of neurofilament proteins in IDPN neurotoxicity. *Neurotoxicol* 6:43-54, 1985
59. Stanley E, Griffin JW and Fahnestock K: Effects of IDPN-induced axonal swellings on conduction in motor nerve fibers. *J Neurol Science* 69:183-200, 1985
60. Troncoso JC, Hoffman PN, Griffin JW, Hess-Kozlow KM and Price DL: Aluminum intoxication: a disorder of neurofilament transport in motor neurons. *Brain Res* 342:172-175, 1985
61. Hoffman PN, Griffin JW, Gold BG and Price DL: Slowing of neurofilament transport and the radial growth of developing nerve fibers. *J Neurosci* 5:2920-2929, 1985
62. O'Neill BP, Swanson JW, Brown FR, Griffin JW and Moser HW: Familial spastic paraparesis: an adrenoleukodystrophy phenotype? *Neurology* 35:1233-1235, 1985
63. Guillain-Barré Study Group (G McKhann, J Griffin, Principal Investigators) Plasmapheresis and acute Guillain-Barré syndrome. *Neurology* 35:1096-1104, 1985
64. Hoffman P, Thompson G, Griffin JW and Price DL: Changes in neurofilament transport coincide temporally with alterations in the caliber of axons in regenerating motor fibers. *J Cell Biol* 101:1332-1340, 1985
65. Ki PF, Kishimoto Y, Lattman EE, Stanley EF and Griffin JW: Structure and role of urodele myelin lacking alpha-hydroxy fatty acid-containing galactosphingolipids: Slow nerve conduction and unusual myelin thickness. *Brain Res* 345:19-24, 1985
66. Parhad IM, Griffin JW, Hoffman PN and Koves JF: Selective Interruption of axonal transport of neurofilament proteins in the visual system by β,β' -iminodipropionitrile intoxication. *Brain Res* 363:315-324, 1986
67. Gold BG, Griffin JW, Price DL, Cork LC and Lowndes HE: Structural correlates of physiological abnormalities in β,β' -iminodipropionitrile intoxication. *Brain Res* 362:205-213, 1986
68. Cornblath D, Griffin JW and Tennekoon G: Immunoreactive myelin basic protein in cerebrospinal fluid of patients with peripheral neuropathies. *Ann Neurol* 20:370-372, 1986

69. Malinow K, Yannakakis GD, Glusman SM, Edlow DW, Griffin JW, Pestronk A, Powell DL, Ramsey-Goldman R, Eidelman BH, Medsger TA and Alexander EL: Subacute sensory neuronopathy secondary to dorsal root ganglionitis in Sjogren's syndrome. *Ann Neurol* 20:535-537, 1986
70. Sacktor NC, Griffin JW, Moser AB and Moser HW: Effects of subperineurial injections of very-long-chain and medium-chain fatty acids into rat sciatic nerve. *Neurochem Pathol* 5:71-83, 1986
71. McKhann GM and Griffin JW: Plasmapheresis and the Guillain-Barré Syndrome [Editorial]. *Ann Neurol* 22:762-763, 1987
72. Rosenfeld J, Dorman ME, Griffin JW, Gold BG, Sternberger LA, Sternberger NH and Price DL: Distribution of neurofilament antigens after axonal injury. *J Neuropathol Exp Neurol* 46:269-282, 1987
73. Parhad IM, Clark AW and Griffin JW: Effect of changes in neurofilament content on caliber of small axons: The β, β' -iminodipropionitrile model. *J Neurosci* 7:2256-2263 1987
74. Griffin JW, Drucker N, Gold BG, Benzaquen M, Charnas L, Fahnestock, K and Stocks A: Schwann cell proliferation and migration during paranodal demyelination. *J Neurosci* 7:682-699, 1987
75. Cornblath D, McArthur J, Kennedy P, Witt A and Griffin JW: Inflammatory demyelinating peripheral neuropathy associated with human T-cell lymphotropic virus type III infection. *Ann Neurol* 21:32-40, 1987
76. Hoffman PN, Cleveland DW, Griffin JW, Landes PW, Cowan NJ and Price DL: Neurofilament gene expression: A major determinant of axonal caliber. *Proc Natl Acad Sci USA* 84:3472-3476, 1987
77. Watson DF and Griffin JW: Vacor neuropathy: Ultrastructural and axonal transport studies. *J Neuropathol Exp Neurol* 46:96-108, 1987
78. Trapp BD, Moench T, Pulley M, Barbosa E, Tennekoon G and Griffin JW: Spatial segregation of mRNA encoding myelin-specific proteins. *Proc Natl Acad Sci USA* 84:7773-7777, 1987
79. Carbone KM, Duchala CS, Griffin JW, Kincaid AL and Narayan O: Pathogenesis of Borna disease in rats: Evidence that intraaxonal spread is the major route for virus dissemination and a determinant of disease incubation. *J Virol* 61:3431-3440, 1987
80. Charnas L, Trapp BD, and Griffin JW: Congenital absence of peripheral myelin. *Neurology* 38:966-974, 1988
81. McKhann GM, Griffin JW, Cornblath DR, Mellits ED, Fisher RS, Quaskey SA and the Guillain-Barré Study Group: Plasmapheresis and Guillain-Barré syndrome: Analysis of prognostic factors and the effect of plasmapheresis. *Ann Neurol* 23:347-353, 1988
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85. Willison HJ, Trapp BD, Bacher JD, Dalakas MC, Griffin JW and Quarles RH: Demyelination induced by intraneural injection of human antimyelin-associated glycoprotein antibodies. *Muscle Nerve* 11:1169-1176, 1988
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88. McKhann GM, Griffin JW, Cornblath DR, Quaskey SA and Mellits ED: Role of therapeutic plasmapheresis in the acute Guillain-Barré syndrome. *J Neuroimmunol* 20:297-300, 1988
89. Pestronk A, Cornblath DR, Ilyas AA, Baba H, Quarles RH, Griffin JW and Alderson KA: A treatable multifocal motor neuropathy with antibodies to GM1 ganglioside. *Ann Neurol* 24:73-78, 1988
90. Griffin JW and Watson DF: Axonal transport in peripheral neuropathies. *Ann Neurol* 23:3-13, 1988
91. Asbury AK, Porte D Jr, Genuth SM, Griffin JW et al. Consensus statement Report and recommendations of the San Antonio conference on diabetic neuropathy. *Diabetes Care* 11:592-597, 1988
92. Trapp BD, Andrews SB, Won, A, O'Connell M and Griffin JW: Co-localization of the myelin-associated glycoprotein and the microfilament components, f-actin and spectrin, in Schwann cells of myelinated fibers. *J Neurocytol* 18:47-60, 1989
93. Stoll G, Trapp BD and Griffin JW: Macrophage function during Wallerian degeneration of rat optic nerve: Clearance of degenerating myelin and Ia expression. *J Neurosci* 9:2327-2335, 1989
94. Stoll G, Mueller H-W, Trapp BD and Griffin JW: Oligodendrocytes but not astrocytes express apolipoprotein

- E after injury of rat optic nerve. *Glia* 2:170-176, 1989
95. Watson DW, Hoffman PN, Fittro KP and Griffin JW: Neurofilament and tubulin transport slow along the course of mature motor axons. *Brain Res* 477:225-232, 1989
 96. Cork LC, Altschuler RJ, Bruha PJ, Morris JM, Lloyd DG, Loats HL, Griffin JW and Price DL: Changes in neuronal size and neurotransmitter marker in hereditary canine spinal muscular atrophy. *Lab Invest* 61:69-76, 1989
 97. McArthur JC, Becker PS, Parisi J, Trapp BD, Selnes,OA, Cornblath DR, Balakrishnan J, Griffin JW, Price DL: Neuropathological changes in early HIV dementia. *Ann Neurol* 26:681-684, 1989
 98. Griffin JW: Axonal transport in neurotoxic disorders. *Comments Toxicology* 3:405-426, 1989
 99. Cork LC, Struble RG, Gold BG, DiCarlo C, Fahnestock KE, Griffin JW and Price DL: Changes in size of motor axons in hereditary canine spinal muscular atrophy. *Lab Invest*, 61:333-342, 1989
 100. Watson DW, Griffin JW, Fittro KP and Hoffman PN: Phosphorylation-dependent immunoreactivity of neurofilaments increases during axonal maturation and β,β' -iminodipropionitrile intoxication. *J Neurochem*, 53:1818-1829, 1989
 101. Carbone KM, Trapp BD, Griffin JW, Duchala CS and Narayan O: Astrocytes and Schwann cells are virus-host cells in the nervous system of rats with Borna disease. *J Neuropath Exp Neurol*, 48:631-644, 1989
 102. Baba H, Daune GC, Ilyas AA, Pestronk A, Cornblath DR, Chaudhry V, Griffin JW and Quarles RH: Anti-GM1 ganglioside antibodies with differing fine specificities in patients with multifocal motor neuropathy. *J Neuroimmunol*, 25:143- 150, 1989
 103. Cork LC, Price DL, Griffin JW, Sack GH Jr. Hereditary canine spinal muscular atrophy: Canine motor neuron disease. *Can J Vet Res* 54:77-82, 1990
 104. de Silva SM, Kuncel RW, Griffin JW, Cornblath DR, Chavoustie S: Paramyotonia congenita or hyperkalemic periodic paralysis? *Muscle Nerve* 13:21-26, 1990
 105. Griffin JW, Cornblath DR, Alexande, E, Campbell J, Low PA, Bird S and Feldman EL: Ataxic sensory neuropathy and dorsal root ganglionitis associated with Sjogren's syndrome. *Ann Neurol* 27:304-315, 1990
 106. Pestronk A, Chaudhry V, Feldman EL, Griffin JW, Cornblath DR, Denys EH, Glasberg M, Kuncel RW, Olney RK, Yee WC: Lower motor neuron syndromes defined by patterns of weakness, nerve conduction abnormalities, and high titers of antiglycolipid antibodies. *Ann Neurol* 27:316-326, 1990
 107. Stoll G, Griffin JW, Li CY, and Trapp BD: Wallerian degeneration in the peripheral nervous system: Participation of both Schwann cells and macrophages in myelin degradation. *J Neurocytol*, 18:671-683, 1990
 108. Cornblath DR, Griffin DE, Welch D, Griffin JW, McArthur JC: Quantitative analysis of endoneurial T-cells in human sural nerve biopsies. *J Neuroimmunol*, 26:113-118, 1990
 109. McArthur JC, Griffin JW, Cornblath DR, Griffin DE, Tesoriero T, Kuncel RW, Gibbs CJ, Farzadegan H, Johnson RT: Steroid-responsive myeloneuropathy in a man dually infected with HIV-1 and HTLV-1. *Neurology*, 40:938-944, 1990
 110. Griffin JW, Stoll G, Li CY, Tyor WR and Cornblath DR: Macrophage responses in inflammatory demyelinating neuropathies. *Ann Neurol*, 27(suppl):S64-S68, 1990
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Publications - Book Chapters

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2. Griffin, JW, Price, DL: Axonal transport in motor neuron pathology. In: Amyotrophic Lateral Sclerosis: Recent Research Trends. J Andrews and R Johnson (eds), New York, Academic Press, 1976, pp 33-67
3. Griffin JW: Animal screening for neurotoxicity of radiation sensitizers. In: Radioprotector Working Group Conference. DJ Rubin and JG Schwade (eds), Bethesda, Maryland, NCI, 1978, pp 95-108
4. Griffin JW, Price DL, Hoffman PN, Clark AW, Drachman DB, Pestronk A: Toxic axonal neuropathies. In: Current Topics in Nerve Muscle Research. A Aguayo and G Karpati (eds), Amsterdam, Excerpta Medica, 1979, pp 282-291
5. Price DL, Griffin JW: Neurons and ensheathing cells as targets of disease processes. In: Experimental and Clinical Neurotoxicology. PS Spencer and HH Schaumburg (eds), Baltimore, Williams & Wilkins, 1980, pp 2-23
6. Griffin JW, Price DL: Proximal axonopathies induced by toxic chemicals. In: Experimental and Clinical Neurotoxicology. PS Spencer and HH Schaumburg (eds), Baltimore, Williams & Wilkins, 1980, pp 161-178
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Publications - Book Reviews

1. *Peripheral Neuropathy in Childhood* by R Ouvrier, JG McLeod, and J Pollard. Reviewed for *Archives of Neurology*
2. *Motor Neuron Disease*, edited by PN Leigh and M Swash. Reviewed for *TINS* 1995;18:513-514
3. Schwann cell-axon interactions in Charcot-Marie-Tooth disease. Griffin JW, Sheikh K. Reviewed for *Ann N Y Acad Sci*. 1999 Sep 14;883:77-90.

Publications - Letters

1. Griffin JW, Li CY, Ho TW, Xue P, Macko C, Gao CY, Yang C, Tian M, Mishu B, Cornblath DR, McKhann GM, Asbury AK. Guillain-Barré syndrome in northern China: The spectrum of neuropathological changes in clinically defined cases. *Brain* 1996;119:676-680

HISTORY OF TRAINEES:

Postdoctoral Fellows

Trainee: Linda C. Cork, D.V.M., Ph.D. (1976-1978)

Project: Canine spinal muscle atrophy

Current Position: Professor and Chairman, Department of Comparative Medicine, Stanford University School of Medicine

Trainee: Lloyd Shield, M.D. (1976-1977)

Project: Retrograde axonal transport of tetanus

Current Position: Professor of Pediatrics and Neurology, University of Melbourne, Melbourne, Australia

Trainee: Arthur W. Clark, M.D. (1976-1978)
Project: Toxic models of neurofilamentous pathology
Current Position: Associate Professor, Department of Pathology, Foothills Hospital, Calgary, Alberta, Canada

Trainee: Juan C. Troncoso, M.D. (resident, 1978-1980; fellow 1981-1983)
Project: Toxic models of neurofilamentous pathology
Current Position: Associate Professor, Pathology and Neurology, JHMI

Trainee: Irma M. Parhad, M.D. (1979-1980)
Project: Toxic models of neurofilamentous pathology
Last position held: Associate Professor, Department of Pathology, Foothills Hospital, Calgary, Alberta, Canada (Deceased, 1993)

Trainee: Paul N. Hoffman, M.D., Ph.D. (1979-1981)
Project: Axonal transport of neurofilaments
Current Position: Associate Professor, Ophthalmology and Neurology, JHMI

Trainee: Bruce G. Gold, Ph.D. (1982-1983)
Project: Axonal transport of neurofilaments
Current Position: Assistant Professor, Center for Occupational and Environmental Toxicology, University of Oregon Health Sciences, Portland, Oregon

Trainee: Jeffrey Rosenfeld, Ph.D. (1984-1986)
Project: Axonal transport of neurofilaments
Previous Training: University of Connecticut, Storrs, CT
Current Position: Assistant Professor, Neurology, Emory University, Atlanta, GA

Trainee: Danny F. Watson, M.D., Ph.D. (1984-1986)
Project: Axonal transport of neurofilaments
Previous Training: University of Kansas
Current Position: Associate Professor, Part-time, Wayne State University of Medicine, Detroit MI

Trainee: Guido Stoll, M.D. (1987-1988)
Project: Macrophage responses in PNS and CNS disease
Previous Training: University of Dusseldorf, Dusseldorf, Germany
Current Position: Associate Professor, Department of Neurology, Heinrich Heine Universitat Dusseldorf, Dusseldorf, Germany

Trainee: Thomas O. Crawford, M.D. (1987-1989)
Project: Motor neuron responses during regeneration
Previous Training: University of Southern California
Current Position: Assistant Professor, Neurology, JHMI

Trainee: Naomi E. Rance, M.D., Ph.D. (1987-1989)
Project: Myelopathy of AIDS
Previous Training: University of Maryland School of Medicine, Baltimore, MD
Current Position: Neuropathologist, University of Arizona College of Medicine, Tucson, Arizona

Trainee: David Archer, Ph.D. (1988-1990)
Project: Axon-Schwann cell interactions during Wallerian degeneration
Previous Training: Pharmacology, University of Liverpool, U.K.
Current Position: Assistant Professor, Department of Pediatrics, Emory University School of Medicine
Funding: NS PO1-22849

Trainee: Jonathan D. Glass, M.D. (1989 - July, 1991)

Project: Pathogenesis of Wallerian degeneration
Previous Training: University of Vermont, Burlington, VT
Current Position: Associate Professor, Department of Neurology, Emory University School of Medicine, Atlanta, GA

Trainee: Mark Gilbert, M.D. (1987-1988)
Project: Toxic neuropathies
Previous Training: University of Pittsburgh
Current Position: Associate Professor, Department of Neurology, Emory University School of Medicine, Atlanta, GA

Trainee: Chun Yan Li, M.D. (1988-1990)
Project: Macrophage responses in nerve disease
Grant from People's Republic of China
Previous Training: Medical College of Hebei, Hebei Province, Shijiazhuang, China
Current Position: Chairman, Department of Neurology, Hebei University, Hebei, China

Trainee: Rachel George, M.D. (1992-94)
Project: Macrophage responses in Wallerian degeneration.
Previous Training: Bombay University, Bombay, India
Current Position: Assistant Professor, Department of Neurology, University of Arkansas School of Medicine

Trainee: Anne Louise Oaklander, M.D., Ph.D., Albert Einstein School of Medicine (1991-93)
Project: Cytokine mRNA content in Wallerian degeneration and EAE
Funding: NIH Special Research Award
Previous Training: Albert Einstein School of Medicine, Bronx, N.Y.
Current Position: Asst. Prof., Neurology, Massachusetts General Hospital, Boston, Mass.

Trainee: Edwin George, M.D., Ph.D. (1990-1991)
Project: Effect of axotomy on cultured neurons
Previous Training: Case Western Reserve University
Current Position: Assistant Professor, Department of Neurology, Wayne State University

Trainee: Sung-Tsang Hsieh, M.D., Ph.D. (1993-95)
Project: Consequences of Epidermal Denervation
Previous Training: National Taiwan University, Taiwan
Current Position: Associate Professor of Cell Biology and Neurology, National Taiwan University College of Medicine, Taipei, Taiwan

Trainee: Philip Chien, M.D., Ph.D. (1995-97)
Project: Chemokine and macrophage responses during Wallerian degeneration
Current Position: Assistant Professor of Surgery, National Taiwan University College of Medicine, Taipei, Taiwan

Trainee: Kazim Sheikh, M.D. (1994-97)
Project: Guillain-Barré syndrome
Previous Training: King Edward Medical College, Lahore, Pakistan
Current Position: Instructor, Dept. of Neurology, Johns Hopkins University School of Medicine

Trainee: Judith Spies, M.D., Ph.D. (1994-96)
Project: Chemokine responses in immune-mediated neuropathies
Previous training: University of Sydney, Sydney, Australia
Current Position: Assistant Professor, University of Sydney, Sydney, Australia

Trainee: Yong Bo Li, M.D. (1995-97)
Project: Consequences of Epidermal Denervation
Current Position: Postdoctoral fellow, Dept. of Neurosurgery, Johns Hopkins University School of Medicine

Trainee: Tony W.S. Ho, M.D. (1996-1997)
Project: Guillain-Barré syndrome
Previous training: Johns Hopkins University School of Medicine, Baltimore, MD
Funding:
Current Position: Asst. Professor, Dept. of Neurology, Johns Hopkins University School of Medicine

Trainee: Charlene Hafer-Macko, M.D. (1994-96)
Project: Guillain-Barré syndrome
Funding: Neuromuscular Training Grant
Previous Training: Ohio State University
Current Position: Assistant Professor of Neurology, University of Maryland School of Medicine

Trainee: Jack Tsao, M.D., Ph.D. (1995-96)
Project: Wallerian degeneration
Funding: Neuromuscular Training Grant
Previous training: Harvard University, Cambridge, MA; University of Oxford, Oxford, U.K.
Current Position: Resident, Neurology, University of California, San Francisco

Predoctoral Candidates

Trainee: Sung-Tsang Hsieh, Department of Neuroscience, 1991-1993
Project: Axonal cytoskeleton
Current Position: Associate Professor of Cell Biology and Neurology, National Taiwan University College of Medicine, Taipei, Taiwan