



CURRICULUM VITAE
BRETT MICHAEL MORRISON

EDUCATION AND TRAINING:

- 1988-1992: B.A., Amherst College, Neuroscience major, Magna Cum Laude
1992-1994: Mount Sinai Medical School 1st and 2nd years
1994-1998: Ph.D. doctoral dissertation in Biomedical Sciences at Mount Sinai Medical School of the City University of New York
(preceptor- Dr. John H. Morrison)
1998-1999: Post-doctoral research fellow at Mount Sinai School of Medicine
(preceptor- Dr. John H. Morrison)
1999-2001: Mount Sinai Medical School 3rd and 4th years

POSITIONS AND EMPLOYMENT:

- 2001-2002: Internal medicine intern at University of Maryland Hospital
2002-2005: Neurology resident at Johns Hopkins Hospital
2005-2006: Clinical neurophysiology fellow at Johns Hopkins Hospital
2006-2007: Instructor, Department of Neurology, The Johns Hopkins University
2007-present: Assistant Professor, Department of Neurology, The Johns Hopkins University

SCHOLARSHIPS AND HONORS:

- Passano Foundation Young Investigator Award, 2006
- Jay Slotkin Research Award, Johns Hopkins Hospital, 2005
- Inductee into Alpha Omega Alpha Honor Society, 2000
- Mount Sinai School of Medicine Doctoral Dissertation Award, 1999
- Morris Bender Award in Clinical Neurology, 1999
- Amyotrophic Lateral Sclerosis Association Research Grant, 1996-1999
- Magna Cum Laude in Neuroscience, Amherst College, 1992
- James Olds Memorial Neuroscience Award, Amherst College, 1992
- Inductee into Sigma Xi Honor Society, 1992

TEACHING EXPERIENCE:

- Johns Hopkins Hospital, Neuromuscular Pathology Seminars, 2006
- City College of New York Neuroanatomy, laboratory instructor, 1997-1998
- Mount Sinai Medical School Neuroanatomy, laboratory instructor, 1996-1997
- Mount Sinai Medical School Physiology, teaching assistant, 1994

INVITED PRESENTATIONS, MEETINGS AND SPECIAL COURSES:

- Packard Center for ALS Annual Meeting, Research Presentation, 2006
- Advanced Clinical Topics in Neuroscience Nursing, Guillain-Barre Presentation, 2006
- Mount Sinai Medical School, Doctoral Dissertation Presentation , 1998
- New York MD/Ph.D. Conference, Long Island, New York, 2000
- Society for Neuroscience Annual Meeting, 1994-1997
- National MD/Ph.D. Conference, Aspen, Colorado, 1997
- Summer Course on Human Neurologic Diseases, Cold Spring Harbor, 1996
- Washington International Spring Symposium: Neurodegenerative Diseases, 1995

PEER-REVIEWED PUBLICATIONS:

- 1) **Morrison, B.M.**, Gordon, J.W., Ripps, M.E., and Morrison, J.H. (1996) Quantitative immunocytochemical analysis of the spinal cord in G86R superoxide dismutase transgenic mice: neurochemical correlates of selective vulnerability. *J. Comp. Neurol.* 373 (4): 619-631.
- 2) **Morrison, B.M.**, Janssen, W.G., Gordon, J.W., and Morrison, J.H. (1998) Time course of neuropathology in the spinal cord of G86R superoxide dismutase transgenic mice. *J. Comp. Neurol* 391 (1): 64-77.
- 3) **Morrison, B.M.**, Janssen, W.G., Gordon, J.W., and Morrison, J.H. (1998) Light and electron microscopic distribution of the AMPA receptor subunit, GluR2, in the spinal cord of control and G86R mutant superoxide dismutase transgenic mice. *J. Comp. Neurol.* 395: 523-534.
- 4) **Morrison, B.M.**, Shu, I-Wei, Wilcox, A.L., Gordon, J.W., and Morrison, J.H. (2000) Early and selective pathology of light chain neurofilament in the spinal cord and sciatic nerve of G86R mutant superoxide dismutase transgenic mice. *Exp. Neurol.* 165: 207-220.
- 5) Kiaei, M., Bush, A.I., **Morrison, B.M.**, Morrison, J.H., Cherny, R.A., Volitakis, I., Beal, M.F., and Gordon, J.W. (2004) Genetically decreased spinal cord copper concentration prolongs life in a transgenic mouse model of amyotrophic lateral sclerosis. *J. Neurosci.* 24: 7945-7950.
- 6) **Morrison, B.M.**, Lang C.H., Vary T.C., Seehra J.S., Wagner K.R. (2007) Pharmacological inhibition of myostatin leads to hypertrophy of denervated and non-denervated muscle by activating protein synthesis. *Muscle Nerve*, *submitted*.

REVIEW ARTICLES AND BOOK CHAPTERS:

- 1) **Morrison, B.M.**, Morrison, J.H., and Gordon, J.W. (1998) Superoxide dismutase and neurofilament transgenic models of amyotrophic lateral sclerosis. *J. Exp. Zoology* 282: 32-47.
- 2) **Morrison, B.M.**, Hof, P.R., and Morrison, J.H. (1998) Determinants of neuronal vulnerability in neurodegenerative diseases. *Ann. Neurol.* 44 (Suppl. 1): S32-S44.
- 3) **Morrison, B.M.**, Hof, P.R., and Morrison, J.H. (1998) Determinants of neuronal vulnerability in neurodegenerative diseases. Olanow, C.W. and Jenner, P., eds. *Neuroprotection in Parkinson's disease. Beyond the Decade of the Brain, Volume 3.* Royal Turnbridge Wells, UK: Wells Medical Limited.
- 4) **Morrison, B.M.**, and Morrison, J.H. (1999) Amyotrophic lateral sclerosis associated with mutations in superoxide dismutase: a putative mechanism of degeneration. *Brain Res. Rev.* 29: 121-135.
- 5) **Morrison, B.M.**, and Hoke, A. (2004) Clinical cases in neurology from Johns Hopkins. Case 6: when is a headache not just a headache? *MedGenMed.* 6: 48.

ABSTRACTS:

- 1) **Morrison, B.M.**, Gordon, J.W., Hof, P.R., Ripps, M.E., and Morrison J.H. (1995) Immunohistochemical characterization of degenerating neurons in the spinal cord of mutant superoxide dismutase transgenic mice. Society for Neuroscience Abstract 21, 387.14.
- 2) **Morrison, B.M.**, Gordon, J.W., and Morrison, J.H. (1996) Neurochemical markers of vulnerability and protection in mutant superoxide dismutase transgenic mice. Society for Neuroscience Abstract 22, 648.6.
- 3) **Morrison, B.M.**, Gordon, J.W. Janssen, W.G., and Morrison J.H. (1997) Distribution of the AMPA receptor subunit, GluR2, in the spinal cord of control and mutant superoxide dismutase transgenic mice. Society for Neuroscience Abstract 23, 742-7.
- 4) **Morrison, B.M.**, Shetty R.S., Wagner K.R. (2007) Myostatin null mice or mice treated with a pharmacological inhibitor of myostatin have less muscle atrophy in response to denervation than wild-type mice. American Academy of Neurology Annual Meeting: P07.041.