

Curriculum Vitae
Leif A. Havton, M.D., Ph.D.

Education:

M.D.	Umeå University, Sweden 1988 Medicine
Ph.D.	Umeå University, Sweden 1989 Anatomy
Research Fellow	Columbia University, New York, NY 1988 Anatomy and Cell Biology
Post Doc	University of California, San Francisco 1995 Anatomy
Residency	Stanford University Medical Center, Palo Alto, CA 1995 Neurology
Fellow	Stanford University Medical Center, Palo Alto, CA 1997 Pathology/Neuropathology

Professional Experience:

1994-1995	Chief Resident, Department of Neurology and Neurological Sciences, Stanford University Medical Center, Stanford, CA.
1995-2000	Attending Neurologist, Department of Neurology, Santa Clara Valley Medical Center, San Jose, CA.
1997-2000	Principal Investigator, California Institute for Medical Research, San Jose, CA
1998-2000	Clinical Assistant Professor, Department of Neurology and Neurological Sciences, Stanford University Medical Center, Stanford, CA.
2000-	Assistant Professor, Department of Neurology, UCLA School of Medicine, Los Angeles, CA; Attending Neurologist, Neurologic Rehabilitation and Research Unit, UCLA Medical Center, Los Angeles, CA.

Select publications (in chronological order):

Havton, L. and J.-O. Kellerth (1984) Retrograde effects of axotomy on the intramedullary axon collateral systems and recurrent inhibitory reflexes of cat spinal motoneurons. Neuroscience Letters 52: 13-17.

Havton, L. and J.-O. Kellerth (1987) Regeneration by supernumerary axons with synaptic terminals in spinal motoneurons of cats. Nature 325: 711-714.

Havton, L. and J.-O. Kellerth (1990a) Elimination of intramedullary axon collaterals of cat spinal α -motoneurons following peripheral nerve injury. Experimental Brain Research 79: 65-74.

Havton, L. and J.-O. Kellerth (1990b) Plasticity of recurrent inhibitory reflexes in cat spinal motoneurons following peripheral nerve injury. Experimental Brain Research 79: 75-82.

Pintar, J.E., Wood, T.L., Streck, R.D., Havton, L., Rogler, L. and M.-S. Hsu (1991) Expression of IGF-II, the IGF-II/mannose-6-phosphate receptor and IGFBP-2 during rat embryogenesis. In: *Molecular Biology and Physiology of Insulin and Insulin-Like Growth Factors*. Edited by M.K. Raizada and D. LeRoith. Plenum Press, New York.

Brännström, T., Havton, L. and J.-O. Kellerth (1992a) Changes in size and dendritic arborization patterns of adult cat spinal α -motoneurons following permanent axotomy. Journal of Comparative Neurology 318:439-451.

Brännström, T., Havton, L. and J.-O. Kellerth (1992b) Restorative effects of reinnervation on the size and dendritic arborization patterns of axotomized cat spinal α -motoneurons. Journal of Comparative Neurology 318: 452-461.

Havton, L.A. and P.T. Ohara (1993) Quantitative analyses of intracellularly characterized and labeled thalamocortical projection neurons in the ventrobasal complex of primates. Journal of Comparative Neurology 336: 135-150.

Ohara, P.T. and L.A. Havton (1994) Dendritic architecture of rat somatosensory thalamocortical projection neurons. Journal of Comparative Neurology 341: 159-171.

Havton, L.A. and P.T. Ohara (1994) Dendritic orientation of thalamocortical projection neurons in the ventrobasal complex of macaques. Brain Research 638: 126-132.

Ohara, P.T. and L.A. Havton (1994) Preserved features of thalamocortical projection neuron dendritic architecture in the somatosensory thalamus of the rat, cat and macaque. Brain Research 648: 259-264.

Havton, L.A. and P.T. Ohara (1994) Cell body and dendritic tree size of intracellularly labeled thalamocortical neurons in the ventrobasal complex of cat. Brain Research 651: 76-84.

Ohara, P.T., Ralston, III, H.J. and L.A. Havton (1995) Architecture of individual dendrites from intracellularly labeled thalamocortical projection neurons in the ventral posterolateral and ventral posteromedial nucleus of cat. Journal of Comparative Neurology 358: 563-572.

Ohara, P.T. and L.A. Havton (1996) Dendritic arbors of neurons from different regions of rat thalamic reticular nucleus share a similar orientation. Brain Research 731: 236-240.

Chang, S.D., Vanefsky, M.A., Havton, L.A. and G.D. Silverberg (1998) Bilateral cavernous malformations resulting from cranial irradiation of a choroid plexus papilloma. Neurol. Res. 20: 529-532.

Havton, L.A., Hotson, J.R. and J.-O. Kellerth (2001) Partial peripheral motor nerve lesions induce changes in the conduction properties of remaining intact motoneurons. Muscle and Nerve 24: 662-666.

Havton, L.A. and J.O. Kellerth (2001) Transformation of synaptic vesicle phenotype in the intramedullary axonal arbors of cat spinal motoneurons following peripheral nerve injury. Experimental Brain Research 139: 297-302.

Havton, L.A. and J.-O. Kellerth (2001) Neurofilamentous hypertrophy of intramedullary axonal arbors in intact spinal motoneurons following partial peripheral nerve axotomy. Journal of Neurocytology. 30, 917-926.

Hoang T.X., Nieto J.H., Tillakaratne N.J.K. and L.A. Havton (2003) Autonomic and motor neuron death is progressive and parallel in a lumbosacral ventral root avulsion model of cauda equina injury. Journal of Comparative Neurology (Accepted for publication).