



Lin Zhang, M.D., Ph.D.

Clinical Interests	Dr. Zhang's clinical and research interests focus primarily on Parkinson's disease, including its epidemiology and the association between past nutritional deficiency and current prevalence of the disease. He is testing new drugs with neuroprotective properties that may slow down the progression of Parkinson's. Dr. Zhang also specializes in functional neurology focusing on the implantation and management of deep brain stimulation. He is investigating the clinical manifestation of the disease in patients with atypical Parkinson's disease, and those with a family history of pre-mutation for fragile X syndrome, a genetic disorder that typically affects children. Additionally, Dr. Zhang specializes in botulinum toxin (Botox) treatments for a variety of conditions, including, but not limited to, dystonia, spasticity and tremor. He uses electric muscle testing when giving Botox injections to improve accuracy and gain maximal results.
Title	Associate Professor
Specialty	Neurology
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Languages	Chinese (Mandarin)
Education	M.D., Beijing University School of Medicine, Beijing, 1984 Ph.D., Tulane University, New Orleans, Louisiana, 1994
Internships	Beijing Hospital, Beijing, China, 1983-1985 Cleveland Clinic Foundation, Cleveland, Ohio, 1994-1995
Residency	Beijing Hospital, Beijing, China, 1983-1985 Cleveland Clinic Foundation, Cleveland, Ohio, 1995-1998
Fellowships	University of Rochester, Rochester, New York, 1998-2000



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Professional Memberships

American Academy of Neurology
Movement Disorders Society

Honors and Awards

Roche Movement Disorders Research Award, 1997

Select Recent Publications

Disbrow EA, Russo KA, Higginson CI, Yund EW, Ventura MI, Zhang L, Malhado-Chang N, Woods DL, Sigvardt KA. Efficacy of tailored computer-based neurorehabilitation for improvement of movement initiation in Parkinson's disease. *Brain Res*. 2012 May 3;1452:151-64. Epub 2012 Mar 9.

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Zhang L, Coffey S, Lua LL, Greco CM, Schafer JA, Brunberg J, Borodyanskaya M, Agius MA, Apperson M, Leehey M, Tartaglia N, Tassone F, Hagerman PJ, Hagerman RJ. FMR1 premutation in females diagnosed with multiple sclerosis. *J Neurol Neurosurg Psychiatry*. 2009 Jul;80(7):812-4.

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Hagerman RJ, Coffey SM, Maselli R, Soontarapornchai K, Brunberg JA, Leehey MA, Zhang L, Gane LW, Fenton-Farrell G, Tassone F, Hagerman PJ. Neuropathy as a presenting feature in fragile X-associated tremor/ataxia syndrome. *Am J Med Genet A*. 2007 Oct 1;143A(19):2256-60.

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