



David Simon, MD, PhD, graduated Phi Beta Kappa with a BA in biology from Johns Hopkins University in 1986, and then earned his M.D. as well as a PhD in neuroscience from Washington University School of Medicine in St. Louis in 1993. He completed the Harvard Longwood Neurology Residency Training Program, followed by a clinical and research fellowship in Movement Disorders at Massachusetts General Hospital in Boston. He now is an Associate Professor of Neurology at Beth Israel Deaconess Medical Center and Harvard Medical School. Dr. Simon is involved in multiple clinical trials of Parkinson's disease (PD), with a particular interest in neuroprotection and genetics. His laboratory research focuses on mitochondrial dysfunction and oxidative stress in neurodegeneration, including the role of somatic mitochondrial DNA mutations in aging and in PD. He also conducts translational studies of potential neuroprotective strategies in animal models of PD, and is investigating transcriptional regulation of antioxidant mechanisms in PD. Dr. Simon was a recipient of the Cotizias Award from the American Parkinson Disease Association, and has received additional funding from the Michael J Fox Foundation, National Parkinson Foundation, American Federating for Aging Research, and the NINDS. He served on several NIH and private foundation grant review and scientific advisory committees.

Representative Publications:

Simon DK, Mayeux R, Marder K, Kowall NW, Beal MF, Johns DR. Mitochondrial DNA mutations in complex I and tRNA genes in Parkinson's disease. *Neurology*, 2000;54:703-709.

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St-Pierre J, Drori S, Uldry M, Rhee J, Jäger S, Handschin C, Zheng K, Lin J, Yang W, **Simon DK**, Bachoo R, and Spiegelman BM. Suppression of reactive oxygen species and neurodegeneration by the PGC-1 transcriptional coactivators. *Cell*; 2006;127(2):397-408.

Simon DK, Swearingen S, Hauser RA, Trugman JM, Aminoff M, Singer C, Truong DD, Tilley BC, On Behalf of the NET-PD Investigators. Caffeine and Progression of Parkinson's Disease. *Clin Neuropharm*; 2008(4):189-96.

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