Chin-Hsien Lin, M.D., Ph.D.

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Profile

Dr. Chin-Hsien Lin graduated from College of Medicine, National Taiwan University, and received her neurological residency training in National Taiwan University Hospital. She received her PhD training from National Taiwan University and Institute of Molecular Biology, Academia Sinica, and investigated the molecular mechanisms of mutations of *Leucine rich repeat kinase* (*LRRK2*) in neuronal degeneration by using a *Drosophila* model system. She received post-doctoral fellowship training in Dr. Matthew Farrer's laboratory in University of British Columbia, Vancouver, Canada.

Dr. Lin now serves as an attending physician and assistant professor in Department of Neurology, National Taiwan University Hospital. Her main clinical and research interests include genetic study, functional assay and animal models of familial Parkinson's disease and related movement disorders. She is the former General Secretary of Taiwan Movement Disorders Society. She is now an executive member of Taiwan Movement Disorders Society and a member of educational committee in Taiwan Neurological Society.

Research Interests

Parkinson's disease and movement disorders, genetics, molecular biology, animal model

Selected publication (up to five articles)

1. **Lin CH**, Chen ML, Lai TT, Tai CH, Wu RM. Mutational analysis of FBXO7 gene in Parkinson's disease in a Taiwanese population. *Neurobiology of Aging* 2013;34(6):1713.
2. **Lin CH**, Lin HI, Wu RM. The p.L302P mutation of lysosomal enzyme gene SMPD1 is rare in Taiwanese Parkinson's disease. *Neurology* 2014;21;82(3):283.
3. **Lin CH**, Tan EK, Yang CC, Yi Z, Wu RM. COQ2 gene variants associate with cerebellar subtype of multiple system atrophy in Chinese. *Movement Disorders* 2015;30(3):436-7.
4. **Lin CH**, Li H, Lee YN, Cheng YJ, Wu RM, Chien CT. Lrrk regulates the dynamic profile of dendritic Golgi outposts through the golgin Lava lamp. *Journal of Cell Biology* 2015 Aug 3;210(3):471-83.
5. **Lin CH***, Lin HI, Chen ML, Lai TT, Cao LP, Farrer MJ, Wu RM, Chien CT. Lovastatin protects neurite degeneration in LRRK2-G2019S parkinsonism through activating the Akt/Nrf pathway and inhibiting GSK3β activity. *Human Molecular Genetics* 2016 Feb 29. pii: ddw068.