

林靜嫻

CURRICULUM VITAE



Personal Information:

Name 林靜嫻 Chin-Hsien Lin

E-mail address chlin@ntu.edu.tw

ORCID <https://orcid.org/0000-0001-8566-7573>

Current Position: 臺大醫院神經部主治醫師暨臨床教授
臺大醫院醫學研究部規劃訓練組組長
臺大醫院臨床神經暨行為醫學中心主任
臺大醫學院分子醫學研究所合聘教授

Education: 臺大醫學系畢業 (1994-2001)
臺大醫學院臨床醫學研究所碩士 (2005-2007)
臺大醫學院臨床醫學研究所博士 (2007-2010)
加拿大英屬哥倫比亞大學神經基因科學博士後研究 (2013-2014)

Experience: 臺大醫院神經科住院醫師 (2001-2004)
臺大醫院神經科動作障礙次專科研修醫師 (2005-2006)
臺大醫院神經科主治醫師 (2007-迄今)
臺大醫學院神經科兼任講師 (2007-2010)
臺大醫院雲林分院神經部主治醫師暨部主任 (2009-2011)
臺灣動作障礙學會秘書長(2009-2011)
臺大醫學院神經科臨床助理教授 (2012~2016)
臺灣動作障礙學會理事(2015~2017)
臺灣動作障礙學會常務理事 (2017~)
臺大醫學院神經科臨床副教授 (2017~2020)
台灣神經學會教育委員會主任委員(2017~2020)
台灣神經學會神經基因學組主任委員(2021~)
台灣神經學會國際事務學組副主任委員(2021~)
世界動作障礙學會泛太平洋地區教育委員會委員 (2017~2021)
世界動作障礙學會泛太平洋地區執行委員會委員 (2021~)
世界動作障礙學會實證醫學委員會委員 (2020~)
世界動作障礙學會基礎神經科學委員會委員 (2020~)
世界神經學會(World Federation of Neurology)教育委員會委員 (2022~)

Research Interests: 遺傳性巴金森氏症與動作障礙疾病

Honors and Awards:

- 2004 第十一屆亞太地區神經科學會 (11th Asian & Oceanic Congress of Neurology) 最佳口頭演講論文獎項
- 2006 臺灣神經學學會最佳壁報獎項
- 2008 臺灣神經學學會最佳壁報獎項
- 2009 國立台灣大學醫學院”研究生優秀著作獎”博士班佳作著作獎
- 2010 臺灣神經學學會最佳壁報獎項
- 2011 臺灣神經學學會最佳壁報獎項
- 2011 國立台灣大學醫學院”研究生優秀著作獎”博士班佳作著作獎
- 2015 International Movement Disorder Society- Winner Award of Basic Neuroscience, Basic Scientist Summer School, Tokyo.
世界動作障礙學會泛太平洋地區-年輕學者基礎神經學獎(東京)。
第一屆世界動作障礙學會泛太平洋地區 LEAP program 得獎人 International Movement Disorder Society, leadership program (LEAP) of MDS-AOS
<https://www.movementdisorders.org/MDS/Education/Courses/MDS-LEAP-Program/LEAP-Participants.htm>
- 2016 臺大醫學院第五屆「李鎮源院長紀念醫學獎」
- 2017 臺大醫學院北美校友基金會最佳主治醫師獎
第十二屆永信李天德基金會青年醫藥科技獎
臺大醫院主治醫師傑出教學獎
- 2018 臺大醫學院「青杏醫學獎」
臺大醫學院傑出貢獻教師獎
- 2019 科技部未來科技展 FUTEX 「未來科技獎」
- 2021 『第十九屆有庠科技獎』生技醫藥論文獎
臺大醫院年輕優秀傑出研究獎
科技部傑出研究獎

Publications:

1. Cheng-Hsuan Li, Ni-Chung Lee, Kun-Ju Lin, Ing-Tsung Hsiao, Yi-Hsin Weng, **Chin-Hsien Lin***. The *MAPT* p.P301L mutation presents as a rare early-onset corticobasal syndrome: a case report. *Neurology Asia* 2022, in press.
2. Chia-Mei Chu, Hsin-Hui Yu, Tsai-Ling Kao, Yi-Hsuan Chen, Hsuan-Hsuan Lu, En-Ting Wu, Yun-Li Yang, **Chin-Hsien Lin**, Shin-Yu Lin, Meng-Ju Melody Tsai, Yin-Hsiu Chien, Wuh-Liang Hwu, Wen-Pin Chen, Ni-Chung Lee*, Chi-Kang Tseng*. A missense variant in the nuclear localization signal of DKC1 causes Hoyeraal-Hreidarsson syndrome. *npj Genomic Medicine* volume 2022, in press.

3. Wee Shin Lim,[#] Shu-I Chiu,[#] Meng-Ciao Wu, Shu-Fen Tsai, Pu-He Wang, Kun-Pei Lin, Yung-Ming Chen, Pei-Ling Peng, Yung-Yaw Chen, Jyh-Shing Roger Jang, **Chin-Hsien Lin, MD.*** An integrated biometric voice and facial features for early detection of Parkinson's disease. *npj Parkinson's Disease* 2022, in press.
4. **Lin CH***, Lai HC, Wu MS. Gut-oriented disease modifying therapy for Parkinson's disease. *J Formos Med Assoc.* 2022 Sep 28:S0929-6646(22)00360-6.
5. Feng Liang, Cheng-Yu Chen, Yun-Pu Li, Yi-Ci Ke, En-Pong Ho, Chih-Fan Jeng, **Chin-Hsien Lin***, Shih-Kuo Chen*. Early dysbiosis and dampened gut microbe oscillation precede motor dysfunction and neuropathology in animal models of Parkinson's disease. *Journal of Parkinson's Disease*, 2022, Sep 22. doi: 10.3233/JPD-223431.
6. Szu-Ju Chen, **Chin-Hsien Lin***. Gut microenvironmental changes as a potential trigger in Parkinson's disease through the gut-brain axis. *Journal of Biomedical Science*, 2022 Jul 27;29(1):54. doi: 10.1186/s12929-022-00839-6.
7. Cheng-Hsuan Li, Ta-Fu Chen, Pei-Ling Peng, **Chin-Hsien Lin***. A task-specific cognitive domain decline is correlated with plasma and neuroimaging markers in patients with Parkinson's disease. *Journal of Neurology*, 2022, in press.
8. Chih-Hsin Ou-Yang, Han-I Lin, **Chin-Hsien Lin***. Generation of a human induced pluripotent stem cell line NTUHi002-A from a patient with aceruloplasminemia harboring a homozygous splicing mutation c.607+1 delG in *CP* gene. *Stem Cell Research*, 2022, in press.
9. Kuo MC, Lu YC, Tai CH, Soong BW, Hu FC, Chen ML, **Lin CH**, Wu RM. COQ2 and SNCA polymorphisms interact with environmental factors to modulate the risk of multiple system atrophy and subtype disposition. *Eur J Neurol.* 2022 Jun 24. doi: 10.1111/ene.15475.
10. Chen YA, Wu RM, Sheu CH, **Lin CH**, Huang CY. Attentional focus effect on dual-task walking in Parkinson's disease with and without freezing of gait. *Geroscience.* 2022 Jun 20. doi: 10.1007/s11357-022-00606-3.
11. Chao-Wen Lin, Tzu-Ting Lai, Szu-Ju Chen, **Chin-Hsien Lin***. Elevated α -synuclein and NfL levels in tear fluids and decreased retinal microvascular densities in patients with Parkinson's disease. *GeroScience* 2022 Jun;44(3):1551-1562.
12. Lucia Yi-Ru Chung, Yi-Ting Lin, Chi Liu, Yi-Cheng Tai, Han-Yi Lin, **Chin-Hsien Lin***, Ching-Chow Chen*. Neuroinflammation Upregulated Neuronal Toll-Like Receptors 2 and 4 to Drive Synucleinopathy in Neurodegeneration. *Front Pharmacol.* 2022 Mar 24;13:845930. doi: 10.3389/fphar.2022.845930.

13. Szu-Ju Chen, Chieh-Chang Chen, Hsin-Yu Liao, Yu-Wei Wu, Jyh-Ming Liou, Ming-Shiang Wu, Ching-Hua Kuo, **Chin-Hsien Lin***. Alteration of Gut Microbial Metabolites in the Systemic Circulation of Patients with Parkinson's Disease. *J Parkinsons Dis*. 2022 Mar 23. doi: 10.3233/JPD-223179.
14. I-Ting Lin, Ni-Chung Lee, Sung-Pin Fan, Chang-Jin Huang, PoWei Cheng, Jyh-Horng Chen, **Chin-Hsien Lin***. A case of senile-onset progressive hemiballism and cognitive decline with diffuse brain iron accumulations. *Parkinsonism & Related Disorders* 2022 Mar 17:S1353-8020(22)00059-1.
15. Peng-Hsiang Liao, HanLin Chiang, Chia-Tung Shun, Jen-Fan Hang, Han-Mo Chiu, Ming-Shiang Wu, **Chin-Hsien Lin***. Colonic LRRK2 expression is increased and associated with disease severity in patients with Parkinson's disease. *Frontiers in Aging Neuroscience* 2022, Jan 17;13:819373. doi: 10.3389/fnagi.2021.819373. eCollection 2021.
16. Jeng-Lin Li, Tai-Yi Lin, Po-Lin Chen, Shu-Yi Huang, Chun-Hong Chen, **Chin-Hsien Lin**, Chih-Chiang Chan.* Mitochondrial function and Parkinson's disease: from the perspective of the electron transport chain. *Frontiers in Molecular Neuroscience* 2021 Dec 9;14:797833. doi: 10.3389/fnmol.2021.797833.
17. Szu-Ju Chen, Chieh-Chang Chen, Hsin-Yu Liao, Ya-Ting Lin, Yu-Wei Wu, Jyh-Ming Liou, Ming-Shiang Wu, Ching-Hua Kuo*, **Chin-Hsien Lin***. Association of Fecal and Plasma Levels of Short-Chain Fatty Acids With Gut Microbiota and Clinical Severity in Parkinson Disease Patients. *Neurology* . 2022 Jan 7;10.1212/WNL.0000000000013225. doi: 10.1212/WNL.0000000000013225.
18. Meng-Chen Wu, Yung-Yee Chang, Min-Yu Lan, Ying-Fa Chen, Chun-Hwei Tai, Yung-Feng Lin, Shih-Feng Tsai, Pei-Lung Chen, **Chin-Hsien Lin***. A clinical and integrated genetic study of isolated and combined dystonia in Taiwan. *The Journal of Molecular Diagnostics* 2022 Jan 15;S1525-1578(22)00007-1. doi: 10.1016/j.jmoldx.2021.12.003.
19. **Chin-Hsien Lin***, Han-Yi Lin, En-Pong Ho, Yi-Ci Ke, Mei-Fang Cheng, Chyng-Yann Shiue, Chi-Han Wu, Peng-Hsiang Liao, Angela Yu-Huey Hsu, Li-An Chu, Ya-Ding Liu, Ya-Hui Lin, Yi-Cheng Tai, Chia-Tung Shun, Han-Mo Chiu, Ming-Shiang Wu. Mild chronic colitis triggers Parkinsonism in LRRK2 mutant mice through activating TNF- α pathway. *Movement Disorders* 2021, Dec 17. doi: 10.1002/mds.28890.
20. Yu-En Lin, **Chin-Hsien Lin**, En-Peng Ho, Yi-Ci Ke, Stavroula Petridi, Christopher J. H. Elliott, Lee-Yan Sheen,* , and Cheng-Ting Chien,* *Gastrodia elata* Blume prevents dopaminergic neuron degeneration via glial Nrf2 signaling

- in Lrrk2-G2019S Parkinson's disease models. *eLife* 2021. Nov 15;10:e73753. doi: 10.7554/eLife.73753.
21. Huan-Yun Chen, Chia-Lang Hsu, Han-Yi Lin, Yung-Feng Lin, Shih-Feng Tsai, Yu-Jung Ho, Ye-Ru Li, Jin-Wu Tsai, Shu-Chun Teng*, **Chin-Hsien Lin***. Clinical and functional characterization of a novel STUB1 frameshift mutation in autosomal dominant spinocerebellar ataxia type 48 (SCA48). *Journal of Biomedical Science* 2021 Sep 26;28(1):65. doi: 10.1186/s12929-021-00763-1.
 22. Chang KH, Huang CY, Ou-Yang CH, Ho CH, Lin HY, Hsu CL, Chen YZ, Chou YC, Yi-Jing Chen YJ, Chen Y, Lin JL, Wang KJ, Lin PW, Lin YR, Lin MH, Tseng CK, **Lin CH***. *In vitro* genome editing rescues parkinsonism phenotypes in induced pluripotent stem cells-derived dopaminergic neurons carrying *LRRK2* p.G2019S mutation. *Stem Cell Research & Therapy* 2021 Sep 22;12(1):508. doi: 10.1186/s13287-021-02585-2.
 23. Yu-Chien Hung, Guan-Lin Huang, Po-Lin Chen, Jeng-Lin Li, Serena Huei-An Lu, Jui-Chih Chang, Han-Yi Lin, Wen-Chun Lo, Shu-Yi Huang, Tai-Ting Lee, Tai-Yi Lin, Yuzuru Imai, Nobutaka Hattori, Chin-San Liu, Su-Yi Tsai, Chun-Hong Chen, **Chin-Hsien Lin***, Chih-Chiang Chan1.* UQCRC1 engages cytochrome c for neuronal apoptotic cell death. *Cell Reports* 2021 Sep 21;36(12):109729. doi: 10.1016/j.celrep.2021.109729.
 24. Huang CW, **Lin CH**, Lin YH, Tsai HY, Tseng MT. Neural Basis of Somatosensory Spatial and Temporal Discrimination in Humans: The Role of Sensory Detection. *Cereb Cortex*. 2021 Aug 24:bhab301. doi: 10.1093/cercor/bhab301.
 25. Fan CH, Wei KC, Chiu NH, Liao EC, Wang HC, Wu RY, Ho YJ, Chan HL, Wang TA, Huang YZ, Hsieh TH, **Lin CH**, Lin YC*, Yeh CK*. Sonogenetic-Based Neuromodulation for the Amelioration of Parkinson's Disease. *Nano Lett*. 2021 Jul 28;21(14):5967-5976.
 26. Pin-Shiuan Chen, Ni-Chung Lee, Sung-Pin Fan, Chun-Hwei Tai, Chang-Jin Huang, Wei-Hao Huang, Po-Wei Jeng, Jyh-Horng Chen, **Chin-Hsien Lin**.* Eye-of-tiger sign in globus pallidus: a novel radiological feature of spinocerebellar ataxia type 28. *Movement Disorders*, 2021, Sep;36(9):2200-2202.
 27. Meng-Chen Wu, Yung-Yee Chang, Ying-Fa Chen, Min-Yu Lan, Pei-Lung Chen, Chun-Hwei Tai, **Chin-Hsien Lin**.* Investigating DYT1 in a Taiwanese dystonia cohort. *Journal of the Formosan Medical Association*, 2022 Jan;121(1 Pt 2):375-380.
 28. Chiu MJ, Yang SY, Chen TF, **Lin CH**, Yang FC, Chen WP, Zetterberg H, Blennow K. Synergistic Association between Plasma A β 1-42 and p-tau in

- Alzheimer's Disease but Not in Parkinson's Disease or Frontotemporal Dementia. *ACS Chem Neurosci*. 2021 Apr 7. doi: 10.1021/acchemneuro.1c00010.
29. **Lin CH**, Farrer MJ, Wu RM. Reply: UQCRC1 variants in Parkinson's disease: a large cohort study in the Chinese mainland. *Brain*. 2021 Mar 29;awab138. doi: 10.1093/brain/awab138. Online ahead of print.
 30. Cheng-Hsuan Li, Ta-Fu Chen, Ming-Jang Chiu, Ruoh-Fang Yen, Ming-Chieh Shih, **Chin-Hsien Lin*** Integrated 18F-T807 tau PET, structural MRI and plasma tau in tauopathy neurodegenerative disorders. *Frontiers in Aging Neuroscience* 2021 Mar 29;13:646440.
 31. Fu-Cheng Wang *, Szu-Fu Chen, **Chin-Hsien Lin**, Wei Yuan, Chih-Jen Shih, Ang-Chieh Lin, You-Chi Li, Tien-Yun Kuo. Detection and Classification of Stroke Gaits by Deep Neural Networks Employing Inertial Measurement Units. *Sensors* 2021Mar 7;21(5):1864. doi: 10.3390/s21051864.
 32. Hsin-Hsi Tsai, Li-Kai Tsai, Yen-Ling Lo, **Chin-Hsien Lin*** Amyloid related cerebral microbleed and plasma A β 40 are associated with cognitive decline in Parkinson's disease. *Scientific Reports* 2021 Mar 29;11(1):7115. doi: 10.1038/s41598-021-86617-0.
 33. Szu-Ju Chen, Yu-Chiao Chi, Chang-Han Ho, Wei-Shiung Yang, **Chin-Hsien Lin*** Plasma lipopolysaccharide-binding protein reflects risk and progression of Parkinson's disease. *Journal of Parkinson's disease* 2021;11(3):1129-1139.
 34. Jung-Lung Hsu[#], **Chin-Hsien Lin**[#] (co-first), Pei-Lung Chen, Kun-Ju Lin, Ta-Fu Chen.* Genetic Study of Young-Onset Dementia Using Targeted Gene Panel Sequencing in Taiwan. *American Journal of Medical Genetics Part B* 2021, Feb 13. doi: 10.1002/ajmg.b.32836.
 35. Chih-Hsin Ou-Yang, Chun-Hwei Tai, Han-Yi Lin, Cheng-Yen Huang, **Chin-Hsien Lin*** Generation of a human induced pluripotent stem cell (iPSC) line (IBMS-iPSC-070-02) from a patient with neurodegeneration with brain iron accumulation (NBIA) having compound heterozygous mutations in PANK2 gene. *Stem Cell Research* 2021, in press. *Stem Cell Res* 2021 Mar;51:102190. doi: 10.1016/j.scr.2021.102190.
 36. **Chin-Hsien Lin**^{*#}, Chin-Hao Chang[#], Chun-Hwei Tai, Mei-Fang Cheng, Yi-Chieh Chen, Ying-Ting Chao, Tse-Le Huang, Ruoh-Fang Yen, Ruey-Meei Wu. A Double-Blind Randomized Controlled Trial of Lovastatin in Early-Stage Parkinson's Disease. *Movement Disorders*, 2021 May;36(5):1229-1237.
 37. Han-Yi Lin, Chih-Hsin Ou-Yang, **Chin-Hsien Lin***. Reprogramming of a human induced pluripotent stem cell (iPSC) line from a patient with neurodegeneration with brain iron accumulation (NBIA) harboring a novel frameshift mutation in *C19orf12* gene. *Stem Cell Research* 2020, Oct

- 14;49:102032. doi: 10.1016/j.scr.2020.102032.
38. Chih-Hsin Ou-Yang, Han-Yi Lin, Cheng-Yen Huang, **Chin-Hsien Lin***. Generation of a human induced pluripotent stem cell (iPSC) line (IBMS-iPSC-057-05) from a patient with familial parkinsonism and polyneuropathy having a heterozygous p.Y314S mutation in *UQCRC1* gene. *Stem Cell Research* 2020 Oct 10;49:102031. doi: 10.1016/j.scr.2020.102031.
 39. **Chin-Hsien Lin**, Shu-I Chiu, Ta-Fu Chen, Jyh-Shing Roger Jang, Ming-Jang Chiu*. Classifications of Neurodegenerative Disorders Using a Multiplex Blood Biomarkers-Based Machine Learning Model. *International Journal of Molecular Sciences*, 2020 Sep 21;21(18):E6914.
 40. **Chin-Hsien Lin***, Han-Yi Lin, Jim-Min Fang, Ching-Chow Chen*. A dual inhibitor targeting HMG-CoA reductase and histone deacetylase mitigates neurite degeneration in LRRK2-G2019S parkinsonism. *Aging (Albany NY)-US*. 2020 Nov 24;12(24):25581-25598.
 41. Szu-Ju Chen, Chang-Han Ho, Hang-Yi Lin, **Chin-Hsien Lin***, Ruey-Meei Wu. Lack of PTRHD1 mutation in patients with young-onset and familial Parkinson's disease in a Taiwanese population. *Neurobiology of Aging*, 2020 Sep 8;S0197-4580(20)30279-7.
 42. Huan-Yun Chen, **Chin-Hsien Lin***, Shu-Chun Teng* Stress-induced p53 drives BAG5 cochaperone expression to control α -synuclein aggregation in Parkinson's disease. *Aging (Albany NY)*, 2020 Oct 21;12(20):20702-20727.
 43. Szu-Ju Chen, Ching-Hua Kuo, Han-Chun Kuo, Chieh-Chang Chen, Wei-Kai Wu, Jyh-Ming Liou, Ming-Shiang Wu, **Chin-Hsien Lin***. The gut metabolite trimethylamine N-oxide is associated with Parkinson's disease severity and progression. *Movement Disorders* 2020 Nov;35(11):2115-2116.
 44. **Chin-Hsien Lin**, Pei-I Tsai, Han-Yi Lin, Nobutaka Hattori, Manabu Funayama, Beomseok Jeon, Kota Sato, Koji Abe, Yohei Mukai, Yuji Takahashi, Yuanzhe Li, Kenya Nishioka, Hiroyo Yoshino, Kensuke Daida, Meng-Ling Chen, Jay Cheng, Cheng-Yen Huang, Shiou-Ru Tzeng, Yen-Sheng Wu, Hsing-Jung Lai, Hsin-Hsi Tsai, Ruoh-Fang Yen, Ni-Chung Lee, Wen-Chun Lo, Yu-Chien Hung, Chih-Chiang Chan, Yi-Ci Ke, Chi-Chao Chao, Sung-Tsang Hsieh, Matthew Farrer,* Ruey-Meei Wu* Mitochondrial *UQCRC1* mutations cause autosomal dominant parkinsonism with polyneuropathy. *Brain* 2020 Dec 5;143(11):3352-3373.
 45. Szu-Ju Chen, Bo-Chin Lee, Ni-Chung Lee, Yin-Hsiu Chien, Wuh-Liang Hwu, **Chin-Hsien Lin***. Clinical, radiological and genetic characteristics in patients with Huntington's Disease in a Taiwanese cohort. *American Journal of Medical Genetics Part B* 2020 Sep;183(6):352-359.

46. Sung-Pin Fan, Ni-Chung Lee, **Chin-Hsien Lin***. Novel phenotype of 6p25 deletion syndrome presenting juvenile parkinsonism and brain calcification. *Movement Disorders* 2020 Aug;35(8):1457-1462.
47. Huei-Chun Liu, Ming-Jang Chiu, **Chin-Hsien Lin**, Shieh-Yueh Yang*. Stability of Plasma Amyloid- β 1–40, Amyloid- β 1–42, and Total Tau Protein over Repeated Freeze/Thaw Cycles. *Dement Geriatr Cogn Disord Extra* 2020 Mar 26;10(1):46-55.
48. Yung-Tsai Chu, Han-Yi Lin, Pei-Lung Chen, **Chin-Hsien Lin***. Genotype-Phenotype Correlations of adult-onset PLA2G6-Associated Neurodegeneration: Case series and literature review. *BMC Neurology* 2020, Mar 17;20(1):101. doi: 10.1186/s12883-020-01684-6.
49. Han-Yi Lin, Li-Kai Tsai, Yu-Che Cheng, Huai-En Lu, Ching-Ying Huang, Patrick C.H. Hsieh, **Chin-Hsien Lin***. Generation of a human induced pluripotent stem cell (iPSC) line (IBMS-iPSC-048-05) from a patient with ALS and parkinsonism having a hexanucleotide repeat expansion mutation in *C9orf72* gene. *Stem Cell Research* 2020 Feb 27;44:101734. doi: 10.1016/j.scr.2020.101734
50. Cheng-Hsuan Li, Sung-Pin Fan, Ta-Fu Chen, Ming-Jang Chiu, Ruoh-Fang Yen, **Chin-Hsien Lin***. Frontal variant of Alzheimer’s disease with asymmetric presentation mimicking frontotemporal dementia: case report and literature review. *Brain and Behavior* 2020 Mar;10(3):e01548. doi: 10.1002/brb3.1548. Epub 2020 Jan 27.
51. Yi-Cheng Tai, **Chin-Hsien Lin***. An Overview of Pain in Parkinson’s disease. *Clinical Parkinsonism & Related Disorders*, 2020; 2: 1-8.
52. Chih-Hao Chen, Bo-Ching Lee, **Chin-Hsien Lin***. Integrated plasma and neuroimaging biomarkers associated with motor and cognition severity in Parkinson’s disease. *Journal of Parkinson’s disease*, 2020;10(1):77-88.
53. **Lin CH**, Liu HC, Yang SY, Yang KC, Wu CC, Chiu MJ. Plasma pS129- α -Synuclein Is a Surrogate Biofluid Marker of Motor Severity and Progression in Parkinson's Disease. *J Clin Med*. 2019 Oct 3;8(10). pii: E1601. doi: 10.3390/jcm8101601.
54. Szu-Ju Chen, Ni-Chung Lee, Yin-Hsiu Chien, Wuh-Liang Hwu, **Chin-Hsien Lin*** Heterogeneous non-ataxic phenotypes of spinocerebellar ataxia in a Taiwanese population. *Brain and Behavior* 2019, Oct;9(10):e01414. doi: 10.1002/brb3.1414. Epub 2019 Sep 16.
55. Tung-Hung Su, Hung-Chih Yang, Tai-Chung Tseng, ShihWan Chou, **Chin-Hsien Lin**, Chen-Hua Liu, Chun-Jen Liu, Chi-Ling Chen*, Jia-Horng Kao*. Antiviral therapy in patients with chronic hepatitis C is associated with a

- reduced risk of parkinsonism. *Movement Disorders* 2019 Sep 10. 34(12):1882-1890.
56. Szu-Ju Chen; Ruey-Meei Wu; Chang-Han Ho; Jay Cheng; Han-I Lin; **Chin-Hsien Lin***. Genetic analysis of PODXL gene in patients with familial and young onset Parkinson's disease in a Taiwanese population. *Neurobiology of Aging* 2019 Sep 8. pii: S0197-4580(19)30306-9. doi: 10.1016/j.neurobiolaging.2019.08.027.
 57. Sung-Pin Fan, Ni-Chung Lee, **Chin-Hsien Lin***. Clinical and electrophysiological characteristics of a type I sialidosis patient with a novel deletion mutation in NEU1: case report and review of the literature. *Journal of the Formosan Medical Association* 2019, Jul 29. pii: S0929-6646(19)30332-8. doi: 10.1016/j.jfma.2019.07.017.
 58. Vollstedt EJ, Kasten M, Klein C; MJFF Global Genetic Parkinson's Disease Study Group; Aasly J, Adler C, Ahmad-Annur A, Albanese A, Alcalay R, Al-Mubarak B, Alvarez V, Andree-Muñoz B, Annesi G, Appel-Cresswell S, Arkadir D, Armasu S, Barber TR, Bardien S, Barkhuizen M, Barrett MJ, BaŞak AN, Beach T, Benitez BA, Berg D, Bhatia K, Binkofski F, Blauwendraat C, Bonifati V, Borges V, Bozi M, Brice A, Brighina L, Brockmann K, Brüggemann N, Camacho M, Cardoso F, Belin AC, Carr J, Chan P, Chang-Castello J, Chase B, Chen-Plotkin A, Chung SJ, Cilia R, Clarimon J, Clark L, Cornejo-Olivas M, Corvol JC, Cosentino C, Cras P, Crosiers D, Damásio J, Das P, de Carvalho Aguiar P, De Michele G, De Rosa A, Dieguez E, Dorszewska J, Erer S, Ertan S, Farrer M, Fedotova E, Ferese R, Ferrarese C, Ferraz H, Fiala O, Foroud T, Friedman A, Frigerio R, Funayama M, Gambardella S, Garraux G, Gatto EM, Genç G, Goldwurm S, Gomez-Esteban JC, Gómez-Garre P, Gorostidi A, Grosset D, Hanagasi H, Hardy J, Hassan A, Hattori N, Hauser RA, Hedera P, Hentati F, Hertz JM, Holton JL, Houlden H, Hutz MH, Ikeuchi T, Illarionovskiy S, Inca-Martinez M, Infante J, Jankovic J, Jeon BS, Jesús S, Jimenez-Del-Rio M, Kasten M, Kataoka H, Kawakami H, Kim YJ, Klein C, Klivényi P, Koks S, König IR, Kostić V, Kozirowski D, Krüger R, Krygowska-Wajs A, Kulisevsky J, Lang A, LeDoux M, Lesage S, Lim SY, **Lin CH**, Lohmann K, Lopera F, Lopez G, Lu CS, Lynch T, Machaczka M, Madoev H, Magalhães M, Majamaa K, Maraganore D, Marder K, Markopoulou K, Martikainen MH, Mata I, Mazzetti P, Mellick G, Menéndez-González M, Micheli F, Mirelman A, Mir P, Morino H, Morris H, Munhoz RP, Naito A, Olszewska DA, Ozelius LJ, Padmanabhan S, Paisán-Ruiz C, Payami H, Peluso S, Petkovic S, Petrucci S, Pezzoli G, Pimentel M, Pirker W, Pramstaller PP, Pulkes T, Puschmann A, Quattrone A, Raggio V, Ransmayr G, Rieder C, Riess O, Rodriguez-Porcel F, Rogaeva E, Ross OA,

- Ruiz-Martinez J, Sammler E, Luciano MS, Satake W, Saunders-Pullman R, Sazci A, Scherzer C, Schrag A, Schumacher-Schuh A, Sharma M, Sidransky E, Singleton AB, Petersen MS, Smolders S, Spitz M, Stefanis L, Struhal W, Sue C, Swan M, Swanberg M, Taba P, Taipa R, Tan M, Tan AH, Tan EK, Tang B, Tayebi N, Thaler A, Thomas A, Toda T, Toft M, Torres L, Tumas V, Valente EM, Van Broeckhoven C, Vecsei L, Velez-Pardo C, Vidailhet M, Vollstedt EJ, Warner TT, Williams-Gray CH, Winkelmann J, Woitalla D, Wood NW, Wszolek ZK, Wu RM, Wu YR, Xie T, Yoshino H, Zhang B, Zimprich A. Using global team science to identify genetic Parkinson's disease worldwide. *Ann Neurol* 2019 Aug;86(2):153-157.
59. **Chin-Hsien Lin***, Chieh-Chang Chen, Han-Lin Chiang, Jyh-Ming Liou, Chih-Min Chang, Tzu-Pin Lu, Eric Y Chuang, Yi-Cheng Tai, Chieh Cheng, Han-Yi Lin, Ming-Shiang Wu. Altered gut microbiota and inflammatory cytokine responses in patients with Parkinson's disease. *Journal of Neuroinflammation* 2019 Jun 27;16(1):129. doi: 10.1186/s12974-019-1528-y.
 60. **Chin-Hsien Lin**, Cheng-Hsuan Li, Kai-Chien Yang, Fang-Ju Lin, Chau-Chung Wu, Jen-Jie Chieh, and Ming-Jang Chiu. Blood NfL: A biomarker for disease severity and progression in Parkinson's disease. *Neurology* 2019 Sep 10;93(11):e1104-e1111.
 61. Yih-Chih Kuo, **Chin-Hsien Lin***. Clinical spectrum of glutamic acid decarboxylase antibodies in a Taiwanese population. *European Journal of Neurology* 2019, Nov;26(11):1384-1390.
 62. Han-Lin Chiang, **Chin-Hsien Lin***. Altered gut microbiome and intestinal pathology in Parkinson's disease. *Journal of Movement Disorders* 2019 May;12(2):67-83. doi: 10.14802/jmd.18067. Epub 2019 May 30.
 63. Han-I Lin, Yu-Che Cheng, Hui-Wen Ko, Cheng-Hao Wen, Huai-En Lu, Ching-Ying Huang*, Patrick C.H. Hsieh*, **Chin-Hsien Lin***. Generation of induced pluripotent stem cells (IBMSi011-A) from a patient with Parkinson's disease carrying LRRK2 p.I1371V mutation. *Stem Cell Research* 2019 May;37:101447. doi: 10.1016/j.scr.2019.101447. Epub 2019 Apr 22.
 64. Yu-Che Cheng, Han-I Lin, Shih-Han Syu, Huai-En Lu, Ching-Ying Huang*, **Chin-Hsien Lin***, Patrick C.H. Hsieh*. Reprogramming of a human induced pluripotent stem cell (iPSC) line (IBMSi012-A) from an early-onset Parkinson's disease patient harboring a homozygous p.D331Y mutation in the PLA2G6 gene. *Stem Cell Research* 2019 Apr 5;37:101432. doi: 10.1016/j.scr.2019.101432.
 65. Ming-Che Kuo, Han-I Lin, **Chin-Hsien Lin***. Craniocervical dystonia with levodopa-responsive parkinsonism co-segregating with a pathogenic ANO3 mutation in a Taiwanese family. *Parkinsonism and Related Disorders* 2019

- May;62:236-238.
66. **Chin-Hsien Lin**, Pei-Lung Chen, Chun-Hwei Tai, Hang-I Lin, Chih-Shan Chen, Meng-Ling Chen, Ruey-Meei Wu*. A clinical and genetic study of early-onset and familial parkinsonism in Taiwan: an integrated approach combining gene dosage analysis and next generation sequencing. *Movement Disorders* 2019 Apr;34(4):506-515.
 67. Chun-Fu Lai, Yen-Ting Chen, Jian Gu, Jeanne M. Nerbonne, **Chin-Hsien Lin***, Kai-Chien Yang*. Circulating long noncoding RNA DKFZP434I0714 predicts adverse cardiovascular outcomes in patients with end-stage renal disease. *International Journal of Cardiology* 2019 Feb 15;277:212-219.
 68. Chen-Wen Fang, **Chin-Hsien Lin**, Yung Ching Liu, Yang-Kun Ou. Differences in road-crossing decisions between healthy older adults and patients with Alzheimer's disease. *Journal of Safety Research* 2018;66:81-88.
 69. Yen-Hui Chan, Yen-Fu Cheng, You-Tzung Chen, Cheng-Yen Huang, **Chin-Hsien Lin**, Chin-Ju Hu, Ying-Chang Lu, Chen-Chi Wu*, Chuan-Jen Hsu*. Generation of induced pluripotent stem cells from a patient with hearing loss carrying GJB2 p.V37I mutation. *Stem Cell Research* 2018; 33:51–55.
 70. Tian-Sin Fan; Ruey-Meei Wu; Hang-I Lin; Chieh Cheng, **Chin-Hsien Lin***. PDE8B mutation is not associated with Parkinson's disease in a Taiwanese Population. *Neurobiology of Aging* 2018 May 26. pii: S0197-4580(18)30192-1.
 71. **Chin-Hsien Lin**, Shieh-Yueh Yang, Herng-Er Horng, Che-Chuan Yang, Jen-Jie Chieh, Hsin-Hsien Chen, Bing-Hsien Liu, Ming-Jang Chiu*. Plasma biomarkers differentiate Parkinson's Disease from atypical Parkinsonism syndromes. *Frontiers Aging Neuroscience* 2018 Apr 27;10:123. doi: 10.3389/fnagi.2018.00123.
 72. Tsai PI, **Lin CH**, Hsieh CH, Papakyrikos AM, Kim MJ, Napolioni V, Schoor C, Couthouis J, Wu RM, Wszolek ZK, Winter D, Greicius MD, Ross OA, Wang X. PINK1 Phosphorylates MIC60/Mitofilin to Control Structural Plasticity of Mitochondrial Crista Junctions. *Molecular Cell* 2018 Mar 1;69(5):744-756.
 73. **Chin-Hsien Lin***, Jun-Yu Fan, Han-I Lin, Chia-Wen Chang, Yih-Ru Wu. Catechol-O-methyltransferase (COMT) genetic variants are associated with cognitive decline in patients with Parkinson's disease. *Parkinsonism & Related Disorders* 2018 May;50:48-53.
 74. Cheng YC, Huang CY, Ho MC, Hsu YH, Syu SH, Lu HE, Lin HI, **Lin CH**, Hsieh PCH. Generation of 2 induced pluripotent stem cell lines derived from patients with Parkinson's disease carrying LRRK2 G2385R variant. *Stem Cell Research* 2018 Jan 30;28:1-5.
 75. **Chin-Hsien Lin**, Yu-Che Cheng, Han-I Lin, Ming-Ching Ho, Yu-Hung Hsu,

- Cheng-Hao Wen, Hui-Wen Ko, Huai-En Lu, Ching-Ying Huang*, Patrick C.H. Hsieh*. Generation of induced pluripotent stem cells from a patient with Parkinson's disease carrying LRRK2 p.I2012T mutation. *Stem Cell Research* 2017 Oct 31;25:123-127.
76. Ying-Fa Chen; Yung-Yee Chang; Min-Yu Lan; Pei-Lung Chen, **Chin-Hsien Lin***. Identification of VPS35 p.D620N mutation-related Parkinson's disease in a Taiwanese family with successful bilateral subthalamic nucleus deep brain stimulation: a case report and literature review. *BMC Neurology* 2017 Oct 6;17(1):191. doi: 10.1186/s12883-017-0972-5.
 77. Hui-Chi Lin, **Chin-Hsien Lin**, Pei-Lung Chen, Shih-Jung Cheng; Pei-Hao Chen. Intrafamilial phenotypic heterogeneity in a Taiwanese family with MAPT p.R5H mutation: a case report and literature review. *BMC Neurology* 2017 Sep 18;17(1):186. doi: 10.1186/s12883-017-0966-3.
 78. Shieh-Yueh Yang*, Ming-Jang Chiu, Ta-Fu Chen, **Chin-Hsien Lin**, Jiann-Shing Jeng, Sung-Chun Tang, Yen-Fu Lee, Che-Chuan Yang, Bing-Hsien Liu, Hsin-Hsien Chen, and Chau-Chung Wu. Analytical performance of reagent for assaying tau protein in human plasma and feasibility study screening neurodegenerative diseases. *Scientific Reports* 2017 Aug 24;7(1):9304. doi: 10.1038/s41598-017-09009-3.
 79. Tian-Sin Fan, **Chin-Hsien Lin*(corresponding author)**, Hang-I Lin, Meng-Ling Chen, Ruey-Meei Wu. Lack of TMEM230 mutations in patients with familial and sporadic Parkinson's disease in a Taiwanese population. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics* 2017 Oct;174(7):751-756
 80. **Chin-Hsien Lin**, K. Ray Chaudhuri, Jun-Yu Fan, Chia-I Ko, Alexandra Rizos, Chia-Wen Chang, Han-I Lin, and Yih-Ru Wu. Depression and Catechol-O-methyltransferase (COMT) genetic variants are associated with pain in Parkinson's disease. *Scientific Reports* 2017 Jul 24;7(1):6306. doi: 10.1038/s41598-017-06782-z.
 81. Ming-Tsung Tseng, **Chin-Hsien Lin***. Pain in early-stage Parkinson's disease: implications from clinical features to pathophysiology mechanisms. *Journal of the Formosan Medical Association* 2017 Aug;116(8):571-581.
 82. **Chin-Hsien Lin**, Shieh-Yueh Yang, Heng-Er Horng, Che-Chuan Yang, Jen-Jie Chieh, Hsin-Hsien Chen, Bing-Hsien Liu, Ming-Jang Chiu. Plasma α -synuclein predicts cognitive decline in Parkinson's disease. *Journal of Neurology, Neurosurgery & Psychiatry* 2017 Oct;88(10):818-824.
 83. Song L, He Y, Ou J, Zhao Y, Li R, Cheng J, **Lin CH**, Ho MS. Auxilin Underlies Progressive Locomotor Deficits and Dopaminergic Neuron Loss in a *Drosophila*

- Model of Parkinson's Disease. *Cell Rep.* 2017 Jan 31;18(5):1132-1143.
84. Sung-Ju Hsueh, Ni-Chung Lee, Shu-Hua Yang, Han-I Lin, **Chin-Hsien Lin***. A limb-girdle myopathy phenotype of RUNX2 mutation in a patient with cleidocranial dysplasia: a case study and literature review. *BMC Neurology* 2017 Jan 6;17(1):2. doi: 10.1186/s12883-016-0781-2.
 85. Hsien-Han Lin, Ruey-Meei Wu, Han-I Lin, Meng-Ling Chen, Chun-Hwei Tai, **Chin-Hsien Lin***. Lack of RAB39B mutations in early-onset and familial Parkinson's disease in a Taiwanese cohort. *Neurobiology of Aging* 2017 Feb;50:169.e3-169.
 86. Tian-Sin Fan, Ruey-Meei Wu, Pei-Lung Chen, Ta-Fu Chen, Huei-Ying Li, Yin-Hung Lin, Chien-Yu Chen, Meng-Ling Chen, Chun-Hwei Tai, Hang-I. Lin, **Chin-Hsien Lin*(corresponding author)**. Clinical heterogeneity of LRRK2 p.I2012T mutation. *Parkinsonism & Related Disorders* 2016 Dec;33:36-43.
 87. Gustavsson EK, Trinh J, Guella I, Szu-Tu C, Khinda J, Lin CH, Wu RM, Stoessel J, Appel-Cresswell S, McKeown M, Rajput A, Rajput AH, Petersen MS, Jeon BS, Aasly JO, Farrer MJ. DCTN1 p.K56R in progressive supranuclear palsy. *Parkinsonism Relat Disord.* 2016 Jul;28:56-61. doi: 10.1016/j.parkreldis.2016.04.025. Epub 2016 Apr 23.
 88. Yang SY, Chiu MJ, **Lin CH**, Horng HE, Yang CC, Chieh JJ, Chen HH, Liu BH. Development of an ultra-high sensitive immunoassay with plasma biomarker for differentiating Parkinson disease dementia from Parkinson disease using antibody functionalized magnetic nanoparticles. *J Nanobiotechnology.* 2016 Jun 8;14(1):41.
 89. **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 GSK3 β activity. *Hum Mol Genet.* 2016 May 15;25(10):1965-1978.
 90. **Lin CH**, Chao CC, Wu SW, Hsieh PC, Feng FP, Lin YH, Chen YM, Wu RM, Hsieh ST. Pathophysiology of Small-Fiber Sensory System in Parkinson's Disease: Skin Innervation and Contact Heat Evoked Potential. *Medicine (Baltimore).* 2016 Mar;95(10):e3058. 10.1097/MD.0000000000003058.
 91. Lai YC, Chen JY, Wu HD, Yang CC, **Lin CH**, Lee PL. Sleep Disordered Breathing Mimicking Myasthenia Crisis in a Patient with Myasthenia Gravis. *Journal of Clinical Sleep Medicine* 2016 Jan 15. pii: jc-00454-15.
 92. Weng-Ming Liu, Ruey Meei Wu, Chia-Hsuin Chang, Jou-Wei Lin, Ying-Chun Liu, **Chin-Hsien Lin*(corresponding author)***. National Trends of Antiparkinsonism Treatment in Taiwan: 2004-2011. *Parkinson's Disease* 2016;2016:1859321. doi: 10.1155/2016/1859321.

93. Tian-Sin Fan, Hang-I Lin, **Chin-Hsien Lin*(corresponding author)***, Ruey-Meei Wu. Lack of CHCHD2 mutations in Parkinson's disease in a Taiwanese population. *Neurobiology of Aging* 2016 Feb;38:218.e1-2.
94. Chen KH, Lin PC, Chen YJ, Yang BS, **Lin CH**. Development of method for quantifying essential tremor using a small optical device. *J Neurosci Methods*. 2016 Jun 15;266:78-83.
95. Liu WM, Lin RJ, Yu RL, Tai CH, **Lin CH**, Wu RM. The impact of nonmotor symptoms on quality of life in patients with Parkinson's disease in Taiwan. *Neuropsychiatr Dis Treat*. 2015 Nov 11;11:2865-73.
96. Kai-Hsiang Chen, Ruey-Meei Wu, Hang-I Lin, Chun-Hwei Tai, **Chin-Hsien Lin*** Mutational analysis of SYNJ1 gene (PARK20) in Parkinson's disease in a Taiwanese population. *Neurobiology of Aging* 2015 Oct;36(10):2905.e7-8.
97. Chang CH, **Lin CH**, Caffrey JL, Lee YC, Liu YC, Lin JW, Lai MS. Risk of Intracranial Hemorrhage from Statin Use in Asians: A Nationwide Cohort Study. *Circulation*. 2015 Jun 9;131(23):2070-8.
98. Weng-Ming Liu, Ruey-Meei Wu, Jou-Wei Lin, Chia-Hsuei Chang, **Chin-Hsien Lin* (co-corresponding author)** Time trends in the prevalence and incidence of Parkinson's disease in Taiwan: A nationwide, population-based study. *Journal of the Formosan Medical Association* 2016 Jul;115(7):531-8.
99. **Chin-Hsien Lin**, Jou-Wei Lin, Ying-Chun Liu, Chia-Hsuei Chang, Ruey-Meei Wu. Risk of Parkinson's disease following anxiety disorders: A nationwide population-based cohort study. *European Journal of Neurology* 2015 Sep;22(9):1280-7.
100. **Chin-Hsien Lin**, Hsun Li, Yi-Nan Lee, Ying-Ju Cheng, Ruey-Meei Wu, Cheng-Ting Chien. 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.
101. **Lin CH**, Wu RM. Biomarkers of cognitive decline in Parkinson's disease. *Parkinsonism & Related Disorder* 2015 May;21(5):431-43.
102. Lee YC, **Lin CH**, Lin MS, Lu Y, Chang CH*, Lin JW. Comparison of the effects of serotonin-norepinephrine reuptake inhibitors versus selective serotonin reuptake inhibitors on cerebrovascular events. *J Clinical Psychiatry* 2016 Jan;77(1):e1-7
103. **Chin-Hsien Lin**, Eng-King Tan, Chih-Chao Yang, Zhao Yi, Ruey-Meei Wu. COQ2 gene variants associate with cerebellar subtype of multiple system atrophy in Chinese. *Movement Disorders* 2015 Mar;30(3):436-7.
104. **Chin-Hsien Lin**, Hang-I Lin, Meng-Ling Chen, Ruey-Meei Wu. COQ2 p.V393A variant, rs148156462, is not associated with Parkinson's disease in a

- Taiwanese population. *Neurobiology of Aging* 2015 Jan;36(1):546.e17-8.
105. **Chin-Hsien Lin**, Hiu-Ngar Sy, Hong-Wei Chang, Hung-Hsiang Liou, Chien-Yu Lin, Vin-Cent Wu, Shey-Lin Wu, Chia-Chu Chang, Ping-Fang Chiu, Wen-Yi Li, Sen-Yong Lin, Kwan-Dun Wu, Yung-Ming Chen, Ruey-Meei Wu. Restless legs syndrome is associated with cardio/cerebrovascular events and mortality in end-stage renal disease. *European Journal of Neurology* 2015 Jan;22(1):142-9.
 106. Chang CH, Lin JW, **Lin CH**, Chen HC, Hwang JJ, Lai MS. Effectiveness and safety of extracranial carotid stent placement: A nationwide self-controlled case-series study. *J Formos Med Assoc* 2015 Mar;114(3):274-81.
 107. Chen ML, Wu RM, Tai CH, **Lin CH***. Mutational analysis of angiogenin gene in Parkinson's disease. *PLoS One* 2014 Nov 11;9(11):e112661.
 108. **Chin-Hsien Lin**, Jou-Wei Lin, Ying-Chun Liu, Chia-Hsuei Chang, Ruey-Meei Wu. Risk of Parkinson's disease after severe constipation: a nationwide population-based cohort study. *Parkinsonism & Related Disorders* 2014 Dec;20(12):1371-5.
 109. Yen-Chieh Lee, **Chin-Hsien Lin (co-first author)**, Ruey-Meei Wu, Jou-Wei Lin, Chia-Hsuei Chang, Mei-Shu Lai. Antihypertensive Agents and Risk of Parkinson's disease: A nationwide cohort study. *PLOS One* 2014 Jun 9;9(6):e98961.
 110. Meng-Chen Wu, **Chin-Hsien Lin***. Cauda Equina-Conus Medullaris Syndrome as an Isolated Presenting Symptom of Intravascular Large B-cell Lymphoma: Case Report and Review of the Literature. *Neurology Asia* 2014; 19(2): 219 – 225
 111. Yu-Wen Cheng, **Chin-Hsien Lin***, Ruey-Meei Wu. HIV-associated Parkinsonism Reversed with Antiretroviral Therapy. *Neurology Asia* 2014; 19(2) : 199 – 203
 112. **Chin-Hsien Lin**, Ta-Fu Chen, Ming-Jang Chiu, Ruey-Meei Wu. Lack of C9orf72 repeat expansion in Taiwanese patients with mixed neurodegenerative disorders. *Frontiers in Neurology* 2014 Apr 28;5:59.
 113. **Chin-Hsien Lin**, Han-I Lin, Ruey-Meei Wu. The p.L302P mutation of lysosomal enzyme gene SMPD1 is rare in Taiwanese Parkinson's disease. *Neurology*. 2014 Jan 21;82(3):283.
 114. **Chin-Hsien Lin**, Meng-Ling Chen, Vin-Cent Wu, Wen-Yi Li, Hiu-Ngar Sy, Shey-Lin Wu; Chia-Chu Chang, Ping-Fang Chiu, Hung-Hsiang Liou, Chien-Yu Lin, Hong-Wei Chang, Sen-Yong Lin, Kwan-Dun Wu, Yung-Ming Chen, Ruey-Meei Wu. Association of candidate genetic variants with restless legs syndrome in end stage renal disease: a multicenter case-control study in Taiwan. *European Journal of Neurology* 2014 Mar;21(3):492-8.

115. **Chin-Hsien Lin**, Kai-Hsiang Chen, Meng-Ling Chen, Han-I Lin, Ruey-Meei Wu. Vitamin D receptor genetic variants and Parkinson's disease in a Taiwanese population. *Neurobiology of Aging* 2014 May;35(5):1212.e11-3
116. Chen ML, **Lin CH**, Lee MJ, Wu RM. BST1 rs11724635 interacts with environmental factors to increase the risk of Parkinson's disease in a Taiwanese population. *Parkinsonism Relat Disord.* 2014 Mar;20(3):280-3.
117. Michael G. Heckman, Alexis Elbaz, Alexandra I. Soto-Ortolaza, Daniel J. Serie, Jan O. Aasly, Grazia Annesi, Georg Auburger, Justin A. Bacon, Magdalena Boczarska-Jedynak, Maria Bozi, Laura Brighina, Marie-Christine Chartier-Harlin, Efthimios Dardiotis, Alain Destée, Carlo Ferrarese, Alessandro Ferraris, Brian Fiske, Suzana Gispert, Georgios M. Hadjigeorgiou, Nobutaka Hattori, John P. A. Ioannidis, Barbara Jasinska-Myga, Beom S. Jeon, Yun Joong Kim, Christine Klein, Rejko Kruger, Elli Kyratzi, **Chin-Hsien Lin**, Katja Lohmann, Marie-Anne Lorient PharmD, Timothy Lynch, George D. Mellick, Eugénie Mutez, Grzegorz Opala, Sung Sup Park, Simona Petrucci, Aldo Quattrone, Manu Sharma, Peter A. Silburn, Young Ho Sohn, Leonidas Stefanis, Vera Tadic, Hiroyuki Tomiyama, Ryan J. Uitti, Enza Maria Valente, Demetrios K. Vassilatis, Carles Vilariño-Güell, Linda R. White, Karin Wirdefeldt, Zbigniew K. Wszolek, Ruey-Meei Wu, Georgia Xiromerisiou, Demetrius M. Maraganore, Matthew J. Farrer, Owen A. Ross* on behalf of the Genetic Epidemiology Of Parkinson's Disease (GEO-PD) Consortium. The protective effect of LRRK2 p.R1398H on risk of Parkinson's disease is independent of MAPT and SNCA variants. *Neurobiology of Aging* 2014 Jan;35(1):266.e5-266.
118. Heckman MG, Soto-Ortolaza AI, Aasly JO, Abahuni N, Annesi G, Bacon JA, Bardien S, Bozi M, Brice A, Brighina L, Carr J, Chartier-Harlin MC, Dardiotis E, Dickson DW, Diehl NN, Elbaz A, Ferrarese C, Fiske B, Gibson JM, Gibson R, Hadjigeorgiou GM, Hattori N, Ioannidis JP, Boczarska-Jedynak M, Jasinska-Myga B, Jeon BS, Kim YJ, Klein C, Kruger R, Kyratzi E, Lesage S, **Lin CH**, Lynch T, Maraganore DM, Mellick GD, Mutez E, Nilsson C, Opala G, Park SS, Petrucci S, Puschmann A, Quattrone A, Sharma M, Silburn PA, Sohn YH, Stefanis L, Tadic V, Theuns J, Tomiyama H, Uitti RJ, Valente EM, Van Broeckhoven C, van de Loo S, Vassilatis DK, Vilariño-Güell C, White LR, Wirdefeldt K, Wszolek ZK, Wu RM, Hentati F, Farrer MJ, Ross OA; on behalf of the Genetic Epidemiology of Parkinson's Disease (GEO-PD) Consortium. Population-specific frequencies for LRRK2 susceptibility variants in the genetic epidemiology of Parkinson's disease (GEO-PD) consortium. *Mov Disord.* 2013 Oct;28(12):1740-1744.
119. **Chin-Hsien Lin**, Meng-Ling Chen, Yi-Cheng Tai, Chin-Yi Yu, Ruey-Meei Wu.

- Reaffirmation of GAK, but not HLA-DRA, as a Parkinson's Disease Susceptibility Gene in a Taiwanese Population. *Am J Med Genet B Neuropsychiatr Genet* 2013 Dec;162(8):841-6.
120. **Chin-Hsien Lin**, Ruey-Meei Wu, Hsing-Yi Chang, Yi-Ting Chiang, Hsien-Ho Lin. Preceding Pain Symptoms and Parkinson's Disease: A Nationwide Population-Based Cohort Study. *European Journal of Neurology* 2013 Oct;20(10):1398-404.
 121. Yen-Chieh Lee, **Chin-Hsien Lin (co-first author)**, Ruey-Meei Wu, Min-Shung Lin, Jou-Wei Lin, Chia-Hsuei Chang, Mei-Shu Lai. Discontinuation of statin therapy associates with Parkinson's disease: a population-based study. *Neurology* 2013 Jul 30;81(5):410-6.
 122. **Chin-Hsien Lin**, Meng-Ling Chen, Chin-Yi Yu, Ruey-Meei Wu. *RIT2* variant is not associated with Parkinson's disease in Taiwanese population. *Neurobiology of Aging* 2013 Sep;34(9):2236.e1-3.
 123. Weng-Ming Liu, **Chin-Hsien Lin * (corresponding author)** A Reversible Stroke-Like Splenial Lesion in Viral Encephalopathy. *Acta Neurologica Taiwanica* 2013 Sep;22(3):117-21.
 124. Kai-Hsiang Chen, **Chin-Hsien Lin***. Brain abscess as an initial presentation in a patient of hereditary hemorrhagic telangiectasia caused by a novel ENG mutation. *BMJ Case Reports* 2013 Feb 25;2013. doi:pii: bcr2013008802. 10.1136/bcr-2013-008802.
 125. **Chin-Hsien Lin**, Meng-Ling Chen, Tzu-Ting Lai, Chun-Hwei Tai, Ruey-Meei Wu*. Mutational analysis of *FBXO7* gene in Parkinson's disease in a Taiwanese population. *Neurobiology of Aging* 2013 Jun;34(6):1713.e1-4.
 126. Yen-Chieh Lee*, **Chin-Hsien Lin*(co-first author)**, Min-Shung Lin, Jou-Wei Lin*, Chia-Hsuei Chang*, Mei-Shu Lai. Effects of SSRIs versus TCAs of Cerebrovascular Events: a Nationwide Population-Based Cohort Study. *Journal of Clinical Psychopharmacology* 2013 Dec;33(6):782-9.
 127. **Chin-Hsien Lin**, Vin-Cent Wu, Wen-Yi Li, Hui-Ngar Sy, Shey-Lin Wu, Chia-Chu Chang, Ping-Fang Chiu, Hung-Hsiang Lion, Chien-Yu Lin, Hong-Wei Chang, Sen-Yong Lin, Kwan-Dun Wu, Yung-Ming Chen, Ruey-Meei Wu. Restless Legs Syndrome in End-Stage Renal Disease: A Multicenter Study in Taiwan. *European Journal of Neurology* 2013 Jul;20(7):1025-31.
 128. **Chin-Hsien Lin**, Yang-Kun Ou, Ruey-Meei Wu, Yung-Ching Liu. Predictors of road crossing safety in pedestrians with Parkinson's disease. *Accident Analysis and Prevention* 2013 Mar;51:202-7.

129. Hsing-Jung Lai, **Chin-Hsien Lin***, Ruey-Meei Wu. Early-Onset Autosomal-Recessive Parkinsonian-Pyramidal Syndrome. *Acta Neurologica Taiwanica* 2012, 21(3):99-107.
130. Meng-Chen Wu, Ruoh-Fang Yen, **Chin-Hsien Lin***, Ruey-Meei Wu. Hemiballism in a Patient with Parietal Lobe Infarction. *Neurology*, 2013 Jan 15;80(3):e22. doi: 10.1212/WNL
131. Rwei-Ling Yu, Ruey-Meei Wu, Chun-Hwei Tai, **Chin-Hsien Lin**, Ting-Wen Cheng, Mau-Sun Hua* Neuropsychological profile in patients with early stage of Parkinson's disease in Taiwan. *Parkinsonism Relat Disord.* 2012 Dec;18(10):1067-72.
132. Kai-Hsiang Chen, **Chin-Hsien Lin***, Ruey-Meei Wu. Psychotic-Affective Symptoms and Multiple System Atrophy Expand Phenotypes of Spinocerebellar Ataxia Type 2. *BMJ Case Reports* 2012 Mar 20;2012. pii: bcr1020115061.
133. Yu RL, Wu RM, Chiu MJ, Tai CH, **Lin CH**, Hua MS. Advanced Theory of Mind in patients at early stage of Parkinson's disease. *Parkinsonism Relat Disord.* 2012 Jan;18(1):21-4.
134. Ross OA, Soto-Ortolaza AI, Heckman MG, Aasly JO, Abahuni N, Annesi G, Bacon JA, Bardien S, Bozi M, Brice A, Brighina L, Van Broeckhoven C, Carr J, Chartier-Harlin MC, Dardiotis E, Dickson DW, Diehl NN, Elbaz A, Ferrarese C, Ferraris A, Fiske B, Gibson JM, Gibson R, Hadjigeorgiou GM, Hattori N, Ioannidis JP, Jasinska-Myga B, Jeon BS, Kim YJ, Klein C, Kruger R, Kyratzi E, Lesage S, **Lin CH**, Lynch T, Maraganore DM, Mellick GD, Mutez E, Nilsson C, Opala G, Park SS, Puschmann A, Quattrone A, Sharma M, Silburn PA, Sohn YH, Stefanis L, Tadic V, Theuns J, Tomiyama H, Uitti RJ, Valente EM, van de Loo S, Vassilatis DK, Vilariño-Güell C, White LR, Wirdefeldt K, Wszolek ZK, Wu RM, Farrer MJ; on behalf of the Genetic Epidemiology Of Parkinson's Disease (GEO-PD) Consortium. Association of LRRK2 exonic variants with susceptibility to Parkinson's disease: a case-control study. *Lancet Neurol.* 2011 Oct;10(10):898-908.
135. **Chin-Hsien Lin**, Meng-Ling Chen, Grace Shiahuy Chen, Chun-Hwei Tai, Ruey-Meei Wu. Novel Variant Pro143Ala in HTRA2 Contributes to Parkinson's Disease by Inducing Hyperphosphorylation of HTRA2 protein in Mitochondria. *Human Genetics* 2011 Dec;130(6):817-27.
136. Huang SL, Hsieh CL, Wu RM, Tai CH, **Lin CH**, Lu WS. Minimal detectable change of the timed "up & go" test and the dynamic gait index in people with Parkinson disease. *Phys Ther.* 2011;91(1):114-21.
137. Lung-Shiang Lai, Yi-Mei Wang, **Chin-Hsien Lin***(corresponding author). Foodborne Botulinum Type E Intoxication Associated with Dried Bean Curd:

- First Case Report in Taiwan. *Acta Neurologica Taiwanica* 2011 Jun;20(2):138-41.
138. **Chin-Hsien Lin**, Pei-I Tsai, Ruey-Meei Wu, Cheng-Ting Chien. *LRRK2* Parkinson's Disease: From Animal Models to Cellular Mechanisms. *Review in the Neurosciences*. 2011;22(4):411-8.
 139. **Chin-Hsien Lin**, Ruey-Meei Wu*, Chun-Hwei Tai, Meng-Ling Chen, Fu-Chang Hu. Lrrk2 S1647T and BDNF V66M interact with environmental factors to increase risk of Parkinson's disease. *Parkinsonism Relate Disord* 2011 Feb;17(2):84-8.
 140. Yu-Ren Chen, Ya-Ping Huang, Shan-Ju, Lin, Tsao-Hsiang Kuan, **Chin-Hsien Lin*** (**corresponding author**). Effectiveness of Quetiapine for Post-Stroke Pathological Laughing: Case Report and Review of the Literature. *Clinical Neuropharmacology* 2010 Nov-Dec;33(6):319-22.
 141. **Chin-Hsien Lin**, Pei-I Tsai, Ruey-Meei Wu, Cheng-Ting Chien. *LRRK2* G2019S Mutation Induces Dendrite Degeneration through Mislocalization and Phosphorylation of Tau by Recruiting Autoactivated GSK3 β . *J Neurosci* 2010;30(39):13138-49.
 142. Yu RL, Wu RM, Tai CH, **Lin CH**, Hua MS. Feeling-of-knowing in episodic memory in patients with Parkinson's disease with various motor symptoms. *Mov Disord*. 2010;25(8):1034-9.
 143. Tan EK, Peng R, Teo YY, Tan LC, Angeles D, Ho P, Chen ML, **Lin CH**, Mao XY, Chang XL, Prakash KM, Liu JJ, Au WL, Le WD, Jankovic J, Burgunder JM, Zhao Y, Wu RM. Multiple LRRK2 variants modulate risk of Parkinson disease: a Chinese multicenter study. *Hum Mutat*. 2010 May;31(5):561-8.
 144. Tai CH, Wu RM, **Lin CH**, Pan MK, Chen YF, Liu HM, Lu HH, Tsai CW, Tseng SH. Deep brain stimulation therapy for parkinson's disease using frameless stereotaxy: comparison with frame-based surgery. *Eur J Neurol*. 2010 Nov;17(11):1377-85.
 145. Hoi-Fong Chan, Meng-Ling Chen, Jen-Jen Su, Li-Chin Ko, **Chin-Hsien Lin***, Ruey-Meei Wu. A novel neuropsychiatric phenotype of *KCNJ2* mutation in one Taiwanese family with Andersen-Tawil syndrome. *J Hum Genetics* 2010 Mar;55(3):186-8.
 146. Eng-King Tan, **Chin-Hsien Lin**, Chun-Hwei Tai, Louis C. Tan, Meng-Ling Chen, R. Li, Hui-Qin Lim, Ratnagopal Pavanni, Yih Yuen, K. M. Prakash, Yi Zhao, Ruey-Meei Wu. Non-synonymous GIGYF2 variants in Parkinson's disease from two Asian populations. *Hum Genet*. 2009;126(3):425-30.
 147. Taylor JM, Wu RM, **Lin CH**, Delatycki MB, Lockhart PJ. Lack of evidence for association of a parkin promoter polymorphism with early-onset Parkinson's

- disease in a Chinese population. *Parkinsonism and Related Disorders*. 2009;15(2):149-52.
148. Ross OA, Spanaki C, Griffith A, **Lin CH**, Kachergus J, Haugarvoll K, Latsoudis H, Plaitakis A, Ferreira JJ, Sampaio C, Bonifati V, Wu RM, Zabetian CP, Farrer MJ. Haplotype analysis of Lrrk2 R1441H carriers with parkinsonism. *Parkinsonism and Related Disorders*. 2009;15(6):466-7.
149. Tai CH, Yen RF, **Lin CH**, Yen KY, Yip PK, Wu RM, Lee MJ. Focal brain glucose hypermetabolism in myoclonus-dystonia syndrome caused by an epsilon-sarcoglycan gene mutation. *Parkinsonism Relat Disord*. 2009;15(8):614-6.
150. Lee MJ, Mata IF, **Lin CH**, Tzen KY, Lincoln SJ, Bounds R, Lockhart PJ, Hulihan MM, Farrer MJ, Wu RM. Genotype-Phenotype correlates in Taiwanese patients with early-onset recessive parkinsonism. *Mov Disord*. 2009; 15;24(1):104-8.
151. **Lin CH**, Tan EK, Chen ML, Tan LC, Lim HQ, Chen GS, Wu RM. Novel ATP13A2 Variant Associated with Parkinson's Disease in Taiwan and Singapore. *Neurology* 2008; 71(21):1721-32.
152. **Chin-Hsien Lin**, Kei-uan Tzen, Chin-Yi Yu, Ignacio F Mata, Owen A. Ross, Matthew J Farrer, Ruey-Meei Wu. LRRK2 Mutation in Familial Parkinson's Disease in Taiwanese Population: Clinical, PET and functional studies. *Journal of Biomedical Science*. 2008; 15(5):661-7.
153. Matthew J. Farrera, Jeremy T. Stonea, **Chin-Hsien Lin**, Justus C. Dchsela, Mary M. Hulihana, Kristoffer Haugarvolla, Owen A. Rossa, Ruey-Meei Wu. Lrrk2 G2385R is an ancestral risk factor for Parkinson's disease in Asia. *Parkinsonism and Related Disorders* 2007; 13(2):89-92.
154. **Lin CH**, Hwu WL, Chiang SC, Wu RM. Role of SCA-2 and SCA-3 in Young-Onset Parkinsonism in Taiwanese (ethnic Chinese). *American Journal of Medical Genetics Part B*. 2007;144(4):434-8.
155. **Chin-Hsien Lin**, Jiann-Shing Jeng, Sung-Tsang Hsieh, Ping-Keung Yip, Ruei-Meei Wu. Acute disseminated encephalomyelitis: A follow-up study in Taiwan. *Journal of Neurology, Neurosurgery and Psychiatry* 2007; 78(2):162-7.
156. Wu RM, Lincoln S, Hulihan M, Bounds R, **Lin CH**, Chiu WH, Gwinn-Hardy K, Chen J and Farrer MJ. Parkin mutations and early-onset Parkinsonism in Taiwanese (ethnic Chinese). *Arch Neurol* 2005; 62: 82-87.
157. **C.-H. Lin**, J.-S. Jeng, P.-K. Yip. Middle cerebral artery dissections: differences between isolated and extended dissections of internal carotid artery. *J Neurol Sci* 2005;235(1-2):37-44.
158. Lockhart PJ, Bounds R, Hulihan M, Kachergus J, Lincoln S, **Lin CH**,

Gwinn-Hardy K, Wu RM and Farrer MJ. Lack of mutations in DJ-1 in a cohort of Taiwanese ethnic Chinese with early-onset parkinsonism. *Mov Disord* 2004;19, 1065-1069.

159. **Chin-Hsien Lin**, Jiann-Shing Jeng, Ping-Keung Yip. Plasmapheresis in acute disseminated encephalomyelitis. *J Clin Apheresis*. 2004;19(3):154-9.