

一、基本資料

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二、主要學歷

畢/肄業學校	國別	主修系別	學位	起	迄
University of Kansas	U.S.A.	Physiology and Cell Biology (Neurochemistry)	博士	1989/8	1993/12
台灣大學	中華民國	農業化學系	學士	1984/9	1988/6

三、現職及與專長相關之經歷

服務單位	服務部門	職稱	服務期間起	服務期間迄
國立陽明交通大學	教學發展中心	校區主任	2021/8/1	
國立陽明交通大學	教務處	校區教務長	2021/2/1	
國立陽明交通大學	共同教育中心	中心主任	2021/2/1	2021/7/31
國立陽明大學	生理學科暨研究所	特聘教授	2017/8/1	
國立陽明大學	生理學科暨研究所	教授	2010/4/2	
臺北醫學大學	神經科學研究所	所長	2007/8/1	2009/7/31
臺北醫學大學	生理學科	科主任	2005/8/1	2010/3/31
臺北醫學大學	醫學系生理學科	教授	2003/8/1	2010/3/31
臺北醫學大學	醫學系生理學科	副教授	1995/10/1	2003/7/31
長庚紀念醫院	整形外科	副研究員	1994/6/1	1995/9/30

四、代表著作

1. Kuo YM, Hsu PC, Hung CC, Hu YY, Huang YJ, Gan YL, Lin CH, Shie FS, Chang WK, Kao LS, Tsou MY, **Lee YH***. Soluble Epoxide Hydrolase Inhibition Attenuates Excitotoxicity Involving 14,15-Epoxyeicosatrienoic Acid-Mediated Astrocytic Survival and Plasticity to Preserve Glutamate Homeostasis. *Mol Neurobiol.*, 2019; 56:8451–8474.
2. Hung CC, **Lee YH**, Kuo YM, Hsu PC, Tsay HJ, Hsu YT, Lee CC, Liang JJ, Shie FS*. Soluble epoxide hydrolase modulates immune responses in activated astrocytes involving regulation of STAT3 activity. *Journal of Neuroinflammation*, 2019; 16(1):123.
3. Chen WC, Chang LH, Huang SS, Huang YJ, Chih CL, Kuo HC, **Lee YH***, Lee IH*. Aryl hydrocarbon receptor modulates stroke-induced astrogliosis and neurogenesis in the adult mouse brain. *J Neuroinflammation*. 2019;16(1):187.
4. Huang HJ, Wang YT, Lin HC, **Lee YH***, Lin AM*. Soluble epoxide hydrolase inhibition attenuates MPTP-induced neurotoxicity in the nigrostriatal dopaminergic system: In-volvement of α -synuclein aggregation and ER stress. *Mol Neurobiol.*, 2018; 55(1):138-144.
5. Hung CC, Lin CH, Chang H, Wang CY, Lin SH, Hsu PC, Sun YY, Lin TN, Shie FS, Kao LS, Chou CM, **Lee YH***. Astrocytic GAP43 Induced by the TLR4/NF- κ B/STAT3 Axis Attenuates Astrogliosis-Mediated Microglial Activation and Neurotoxicity. *J Neurosci.*, 2016;36:2027-43.
6. **Lee YH***, Lin CH, Hsu PC, Sun YY, Huang YJ, Zhuo JH, Wang CY, Gan YL, Hung CC, Kuan CY, Shie FS. Aryl hydrocarbon receptor mediates both proinflammatory and antiinflammatory effects in lipopolysaccharide-activated microglia. *Glia*, 2015; 63(7):1138-1154.
7. Wang CY, Lin HC, Song YP, Hsu YT, Lin SY, Hsu PC, Lin CH, Hung CC, Hsu MC, Kuo YM, Lee YJ, Hsu CY, **Lee YH***. Protein kinase C-dependent growth-associated protein 43 phosphorylation regulates gephyrin aggregation at developing GABAergic synapses. *Mol Cell Biol.*, 2015;35(10):1712-26.
8. Sun YY, Lin SH, Lin HC, Hung CC, Wang CY, Lin YC, Lien CC, Kuan CY, **Lee YH***. Cell Type-Specific Dependency on the PI3K/Akt Signaling Pathway for the Endogenous Epo and VEGF Induction by Baicalein in Neurons versus Astrocytes. *PLoS One*, 2013; 8(7):e69019.
9. Teng, YC; Tai, YI; **Lee, YH***, Lin, AMY*. Role of HO-1 in the Arsenite-Induced Neurotoxicity in Primary Cultured Cortical Neurons. *Mol. Neurobiol.*, 2013; 48:281-287.

10. Lin MS, Hung KS, Chiu WT, Sun YY, Tsai SH, Lin JW, **Lee YH***. Curcumin enhances neuronal survival in N-methyl-D-aspartic acid toxicity by inducing RANTES expression in astrocytes via PI-3K and MAPK signaling pathways. *PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY*, 2011; 35(4):931-938.
11. Lin MS, Sun YY, Chiu WT, Chang CY, Hung CC, Shie FS, Tsai SH, Lin JW, Hung KS, **Lee YH***. Curcumin attenuates the expression and secretion of RANTES following spinal cord injury in vivo and lipopolysaccharide-induced astrocyte reactivation in vitro. *J Neurotrauma*, 2011; 28:1259-1269.
12. Sun YY, Wang CY, Hsu MF, Juan SH, Chang CY, Chou CM, Yang LY, Hung KS, Xu J, **Lee YH***, Hsu CY*. Glucocorticoid protection of oligodendrocytes against excitotoxin involving hypoxia-inducible factor-1 α in a cell type-specific manner. *J Neurosci.*, 2010; 30(28):9621-9630.
13. Lin CH, Chen CC, Chou CM, Wang CY, Hung CC, Chen JY, Chang HW, Chen YC, Yeh GC, **Lee YH***. Knockdown of the aryl hydrocarbon receptor attenuates excitotoxicity and enhances NMDA-induced BDNF expression in cortical neurons. *J Neurochem.*, 2009; 111:777-789.
14. Lin CH, Juan SH, Wang CY, Sun YY, Chou CM, Chang SF, Hu SY, Lee WS, **Lee YH***. Neuronal activity enhances aryl hydrocarbon receptor-mediated gene expression and dioxin neurotoxicity in cortical neurons. *J Neurochem.*, 2008; 104:1415-1429.
15. Tsai SY, Yang LY, Wu CH, Chang SF, Hsu CY, Wei CP, Leu SJ, Liaw J, **Lee YH***, Tsai MD*.. Injury Induced JAK/PKC-Dependent Phosphorylation of GAP-43 and STAT3 for Neurite Growth in Dorsal Root Ganglion. *J Neurosci Res.*, 2007; 85:321-331
16. Chang SF, Sun YY, Yang LY, Hu SY, Tsai SY, Lee WS, **Lee YH***. Bcl-2 gene family expression in the brain of rat offspring after gestational and lactational dioxin exposure. *Ann N Y Acad Sci.* 2005;1042:471-80.
17. Tsai SY, Chiu PY, Yang CP, **Lee YH***. Synergistic effects of corticosterone and kainic acid on neurite outgrowth in axotomized dorsal root ganglion. *Neuroscience.* 2002;114(1):55-67.
18. **Lee YH***, Fang KM, Yang CM, Hwang HM, Chiu CT, Tsai W. Kainic acid-induced neurotrophic activities in developing cortical neurons. *J Neurochem.* 2000;74(6):2401-11.