

一、基本資料：

更新日期：2025/7/20

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二、主要學歷

學校名稱	國別	主修學門系所	學位	起訖年月(西元年/月)
臺北醫學大學	中華民國	醫學科學研究所	博士	自 2001/9 至 2010/1
臺北醫學大學	中華民國	醫學研究所	碩士	自 1997/9 至 1999/6
長庚醫學暨工程學院	中華民國	護理學系	學士	自 1991/9 至 1995/6

三、現職及與專長相關之經歷

服務機構	服務部門／系所	職稱	起訖年月(西元年/月)
現職：國立臺北護理健康大學	護理系	副教授	自 2025 / 8 迄今
經歷：康寧大學	護理科	副教授	自 2021 / 2 至 2025 / 8
康寧大學	護理科	助理教授	自 2016 / 2 至 2021 / 1
康寧醫護暨管理專科學校	護理科	助理教授	自 2010 / 2 至 2016 / 7
康寧醫護暨管理專科學校	護理科	講師	自 2009 / 2 至 2010 / 1

四、專長 請填寫與研究方向有關之學術專長名稱。

1. 解剖學	2. 生理學	3. 神經科學	4.
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五、著作目錄：

(一) 期刊論文

1. Modi JP, Shen W, Menzie-Suderam J, Xu H, **Lin CH**, Tao R, Prentice HM, Schloss J, Wu JY. (2023) The Role of NMDA Receptor Partial Antagonist, Carbamathione, as a Therapeutic Agent for Transient Global Ischemia. **Biomedicines**. 11(7):1885. (SCI, IF 3.9)
2. **Lin CH**, Chou CC, Lee YH, Hung CC. (2022) Curcumin Facilitates Aryl Hydrocarbon Receptor Activation to Ameliorate Inflammatory Astrogliosis. **Molecules**. 27(8):2507. (SCI IF 4.2, NSC 100-2320-B-345-001)
3. **Lin CH**, Tao PL, Tsay HJ, Chiang YC, Chang WT, Ho IK, Shie FS. (2021) Dextromethorphan Dampens Neonatal Astrocyte Activation and Endoplasmic

Reticulum Stress Induced by Prenatal Exposure to Buprenorphine. **Behav Neurol.** 2021:6301458. (SCI 2.7)

4. Kuo YM, Hsu PC, Hung CC, Hu YY, Huang YJ, Gan YL, **Lin CH**, Shie FS, Chang WK, Kao LS, Tsou MY, Lee YH. (2019) Correction to: Soluble Epoxide Hydrolase Inhibition Attenuates Excitotoxicity Involving 14,15-Epoxyeicosatrienoic Acid-Mediated Astrocytic Survival and Plasticity to Preserve Glutamate Homeostasis. **Mol Neurobiol.** 56(12):8475-8476 (SCI IF 4.6)
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. (2016) Astrocytic GAP43 Induced by the TLR4/NF- κ B/STAT3 Axis Attenuates Astroglial-Mediated Microglial Activation and Neurotoxicity. **J Neurosci.** 36(6):2027-43. (SCI, IF 4.4)
6. Lee YH, **Lin CH**, Hsu PC, Sun YY, Huang YJ, Zhuo JH, Wang CY, Gan YL, Hung CC, Kuan CY, Shie FS. (2015) Aryl hydrocarbon receptor mediates both proinflammatory and anti-inflammatory effects in lipopolysaccharide-activated microglia. **Glia.** 63(7):1138-54. (SCI, IF 5.4)
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. (2015) Protein kinase C-dependent growth-associated protein 43 phosphorylation regulates gephyrin aggregation at developing GABAergic synapses. **Mol Cell Biol.** 35(10):1712-26. (SCI, IF 3.2)
8. **Lin CH**, Chen CC, Chou CM, Wang CY, Hung CC, Chen JY, Chang HW, Chen YC, Yeh GC, Lee YH. (2009) Knockdown of the aryl hydrocarbon receptor attenuates excitotoxicity and enhances NMDA-induced BDNF expression in cortical neurons. **J Neurochem.** 111(3):777-89. (SCI, IF 4.2)
9. Wu JY, Wu H, Jin Y, Wei J, Sha D, Prentice H, Lee HH, **Lin CH**, Lee YH, Yang LL. (2009) Mechanism of neuroprotective function of taurine. **Adv Exp Med Biol.** 643:169-79. (SCI, IF 3.65)
10. Sha D, Jin Y, Wu H, Wei J, **Lin CH**, Lee YH, Buddhala C, Kuchay S, Chishti AH, Wu JY. (2008) Role of mu-calpain in proteolytic cleavage of brain L-glutamic acid decarboxylase. **Brain Res.** 1207(2):9-18. (SCI, IF 2.7)
11. **Lin CH**, Juan SH, Wang CY, Sun YY, Chou CM, Chang SF, Hu SY, Lee WS, Lee YH. (2008) Neuronal activity enhances aryl hydrocarbon receptor-mediated gene expression and dioxin neurotoxicity in cortical neurons. **J Neurochem.** 104(5):1415-29. (SCI, IF 4.2)
12. Wei J, **Lin CH**, Wu H, Jin Y, Lee YH, Wu JY. (2006) Activity-dependent cleavage of brain glutamic acid decarboxylase 65 by calpain. **J Neurochem.** 98(5):1688-95. (SCI, IF 4.2)
13. Lee YH, **Lin CH**, Hsu LW, Hu SY, Hsiao WT, Ho YS. (2003) Roles of ionotropic glutamate receptors in early developing neurons derived from the P19 mouse cell line. **J Biomed Sci.** 10:199-207 (SCI, IF 9)

(二) 研討會論文

1. Hung CC, Lee CY, Chien WH, Hsu SP, Wang CY, Huang YJ, **Lin CH**, Shie FS, Lee YH (2024) Calpain mediates proteostasis involving activation of GAP43 to facilitate autolysosome formation in cortical neurons. The 38th Joint Annual Conference of Biomedical Science. Taipei, Taiwan.
2. Hung CC, Lee XT, Hsin YC, Huang YJ, Gan YL, Hsu PC, **Lin CH**, Chou CC, Lee YH. (2023, Nov) PSTRI91.21 - Effects of an endogenous ligand-binding site mutant of the aryl hydrocarbon receptor on poly(I:C)-stimulated human astrocytes.

3. 林君樺、薛宥綱 (2023 年 11 月)。3D 列印筆應用於解剖生理學骨骼肌肉系統的實作教學。2023 靜宜大學參與式學習暨教學實踐研究研討會，台中市，台灣。
4. Lee XT, Huang YJ, Hung CC, Lin CH, Chou CC, Lee YH (2023, Mar) A dual ligand binding site model of the aryl hydrocarbon receptor in the lipopolysaccharide-stimulated astrocytes. The 37th Joint Annual Conference of Biomedical Science. Taipei, Taiwan.
5. Lin CH, Chou CC, Lee YH, Hung CC (2021) Curcumin alleviates LPS-induced neuroinflammation via aryl hydrocarbon receptor: The 35th Joint Annual Conference of Biomedical Science. Taipei, Taiwan.
6. Gan YL, Wu SH, Lin CH, Huang YJ, Shie FS, LIN HC, Jeng CJ, Lee YH (2017) Aryl hydrocarbon receptor mediates feedback regulation of lipopolysaccharide-induced proinflammatory astrogliosis to maintain cognitive functions in mice. *Abs. Society for Neurosci.*, Washington, D.C. USA.
7. Huang CY, Lee CY, Chien WH, Lin CH, Gan YL, Lin CH, Gan YL, Jeng CJ, Wang CY, Lee YH (2017) Free radical scavenger edaravone attenuates oxidative stress-induced gephyrin cleavage in developing neurons and neonatal hypoxia. *Abs. Society for Neurosci.*, Washington, D.C. USA.
8. Huang YJ, Lin CH, Lu CJ, Lin HC, Hsu PC, Tarng DC, Lee YH (2017) Brain aryl hydrocarbon receptor mediates the glutamate transporter reduction and cognitive impairment in chronic kidney disease mouse model. *Abs. Society for Neurosci.*, Washington, D.C. USA.
9. Lin CH, Lin MS, Hsu PC, Huang YJ, Lee YH, (2014) Curcumin attenuates neuroinflammation in lipopolysaccharide-reactivated astrocytes via activation of arylhydrocarbon receptor modulate DNA methylation. *Abs. Society for Neuroscience*, San Diego, CA, USA.
10. Lee PY, Lin CH, Sun YY, Lee YH (2012) Aryl hydrocarbon receptor regulates NMDA receptor-mediated BDNF expression and SAP102 expression in the cerebral cortex *Abs. FENS*, Barcelona, Spain
11. Lee PY, Lin CH, Lee YH (2012) Effects of FICZ, a tryptophan-derived aryl hydrocarbon receptor natural ligand, on the nmda receptor-mediated bdnf expression and excitotoxicity in the cerebral cortex. *Abs. Soc. Biol. Med.*, Taiwan
12. Shie FS, Zhou JH, Lin CH, Lee YH (2011) Aryl Hydrocarbon Receptor Regulates Microglia Activation upon Glutamate and Lipopolysaccharide Stimulations *Abs. Society for Neurosci.*, Washington, D.C. USA.
13. Lee YH, Lin CH, Shie FS (2010) The role of aryl hydrocarbon receptor in CREB/CREB-binding protein-mediated BDNF gene transcription in cortical neurons *Abs. FENS*, Amsterdam, Netherlands
14. Lin CH and Lee YH (2007) Knockdown of the Aryl Hydrocarbon Receptor Reduces the Expression and Activity of the NMDA Receptor *Abs. IBRO*, Taiwan.
15. Lin CH, Chou CM, Juan SH, Wang CY, Sun YY, Chang SF, Lee YH (2006) Maturation-Dependent Activities of the Aryl Hydrocarbon Receptor in Cortical Neurons *Abs. Society for Neuroscience*, Atlanta, GA, USA.
16. Lin CH, Juan SH, Sun YY, Lu WC, Hung CC, Chou CM, Lee YH (2005) Arylhydrocarbon receptor-mediated transcriptional activity is calcium-dependent

in primary cultured neurons and astrocytes *Abs. Neuroscience Society of Taiwan*

17. Lee YH, Sun YY, **Lin CH**, Lee WS, Tsai SY, Ho YS, Chang SF, Yang LY and Yeh CY (2004) Dioxin neurotoxicity in developing cortical neurons. *Abs. Society for Neuroscience*, San Diego, CA, USA.
18. **Lin CH**, Lee WS, Sun YY, Chang SF, Yang LY, Hwang LL, Leu SJ and Lee YH (2004) Dioxin alters intracellular calcium homeostasis in primary cultured cortical neurons. *Abs. Soc. Biol. Med.*, Taiwan
19. Hsu MC, **Lin CH**, Tsai SY and Lee YH (2003) Effect of corticosterone and kainic acid on expression and phosphorylation of growth associated protein-43 in developing neurons. *Abs. Soc. Biol. Med.*, Taiwan
20. Lee YH, **Lin CH**, Hsu LW and Hu SY (2002) Functional characterization of ionotropic glutamate receptors in embryonal carcinoma cell-derived neurons. *Abs. Society for Neuroscience*, Orlando, FL, USA.

六、研發成果智慧財產權及其應用績效：

專利：

1. Title: AN ISOLATED TRANSGENIC MAMMALIAN NEURAL CELL FOR DETECTION OF A SAMPLE CONTAINING A CHEMICAL SUBSTANCE DAMAGE TO NEUROLOGICAL SYSTEM OR SELECTION OF DRUGS FOR TREATING NEURODEGENERATIVE DISORDERS. Inventors: Yi-Hsuan Lee, Chen-Yu Wang, Shu-Hui Juan, Wen-Liang Chen, Kuo-Sheng Hung, **Chun-Hua Lin**. Patent No.: US 8,211,695. Issue date: July 3, 2012. Period: 2012/07/03~2030/03/31.
2. 專利名稱：檢測損害或影響神經系統之化學物質樣品及篩選治療神經系統疾病之經分離之轉殖基因哺乳動物神經細胞。發明人：李怡萱,王震宇,阮淑慧,陳文亮,洪國盛,**林君樺**。中華民國專利號碼：發明第 I401434 號。專利期間：2013/7/11~2030/3/30。

七、專業證照與特殊專業技能表

證照或特殊專業技能名稱	發照／受訓單位	發照/受訓時間	備註
護理師證書 [護理字第 044326 號]	行政院衛生署	84/12/12	
小兒加護護理訓練	馬偕紀念醫院	84/9/27-84/12/29	

備註：特殊專業技能除護理師、NP 證照以外，泛指其他與護理專業相關的特別訓練或技能，如：急重症、ACLS、個管師、關懷師等訓練。