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國立陽明醫學院藥理學科助教

學術榮譽

108 學年度陽明大學校級教學傑出獎
105 學年度陽明大學校級教學傑出獎
104 學年度醫學系 PBL 教學優良教師
103 學年度陽明大學教學優良獎
99 學年度陽明大學醫學院優良教師獎座
96 學年度陽明大學教學優良獎
91-109 學年度醫學系網路教學評估優良教師
第九屆王民寧優秀論文獎
台灣藥理學會優秀論文獎

研究興趣

1. 腦幹孤獨核調節心血管功能之機轉研究：腎上腺髓質素與硫化氫的角色
2. 參與榮陽頭痛研究團隊：以動物模式探討偏頭痛之機制及開發治療新標靶

近期著作

1. Su HH, Yen JC, Liao JM, Wang YH, Liu PH, MacDonald IJ, Tsai CF, Chen YH, Huang SS. (2021) In situ slow-release recombinant growth differentiation factor 11 exhibits therapeutic efficacy in ischemic stroke. *Biomedicine & Pharmacotherapy* 144: 112290.
2. Morais A, Liu TT, Qin T, Sadhegian H, Ay I, Yagmur D, Mendes da Silva R, Chung D, Simon B, Guedes R, Chen SP, Wang SJ, Yen JC*, Ayata C* (2020) Vagus nerve stimulation inhibits cortical spreading depression exclusively via central mechanisms. *Pain* 161: 1661-1669. (*equal contribution)
3. Yalcin N, Chen SP, Yu ES, Liu TT, Yen JC, Atalay YB, Qin T, Celik F, van den Maagdenberg AM, Moskowitz MA, Ayata C, Eikermann-Haerter K. (2019) Caffeine does not affect susceptibility to cortical spreading depolarization in mice. *Journal of Cerebral Blood Flow and Metabolism* 39(4): 740-750.
4. Su HH, Liao JM, Wang YH, Chen KM, Lin CW, Lee IH, Li YJ, Huang JY, Tsai SK, Yen JC*, Huang SS* (2019) Exogenous GDF11 attenuates noncanonical TGF- β signaling to protect the heart from acute myocardial ischemia-reperfusion injury. *Basic Research in Cardiology* 114(3):20. (*co-correspondence)
5. Su VY, Liao HF, Perng DW, Chou YC, Hsu CC, Chou CL, Chang YL, Yen JC, Chen TJ, Chou TC. (2018) Proton pump inhibitors use is associated with a lower risk of acute exacerbation and mortality in patients with coexistent COPD and GERD. *International Journal of Chronic Obstructive Pulmonary Disease* 13, 2907-2915.
6. Su HH, Chu YC, Liao JM, Wang YH, Jan MS, Lin CW, Wu CY, Tseng CY, Yen JC*, Huang SS*. (2017) *Phellinus Linteus* Mycelium alleviates myocardial ischemia-reperfusion injury through autophagic regulation. *Frontiers in Pharmacology* 8:175. (*co-correspondence)
7. Chou SJ, Yu WC, Chang YL, Chen WY, Chang WC, Chien Y, Yen JC, Liu YY, Chen SJ, Wang CY, Chen YH, Niu DM, Lin SJ, Chen JW, Chiou SH, Leu HB. (2017) Energy utilization of induced pluripotent stem cell-derived cardiomyocyte in Fabry disease. *International Journal of Cardiology* 232:255-263.
8. Shih HJ, Yen JC, Chiu AW, Chow YC, Pan WH, Huang CJ. (2016) FTY720 inhibits germ cell apoptosis in testicular torsion/detorsion. *Journal of Surgical Research* 202:155-164.
9. Tsai CY, Woung LC, Yen JC, Tseng PC, Chiou SH, Sung YJ, Liu KT, Cheng YH*. (2016) Thermosensitive chitosan-based hydrogels for sustained release of ferulic acid on corneal wound healing. *Carbohydrate Polymers* 135, 308-315.
10. Shih HJ, Yen JC, Chiu AW, Chow YC, Pan WH, Wang TY, Huang CJ. (2015)

FTY720 mitigates torsion/detorsion-induced testicular injury in rats. *Journal of Surgical Research* 196:325-331.

11. Huang YH, Yen JC, Lee JJ, Liao JF, Liaw WJ, Huang CJ. (2015) P2X7 is involved in the anti-inflammation effects of levobupivacaine. *Journal of Surgical Research* 193:407-414.