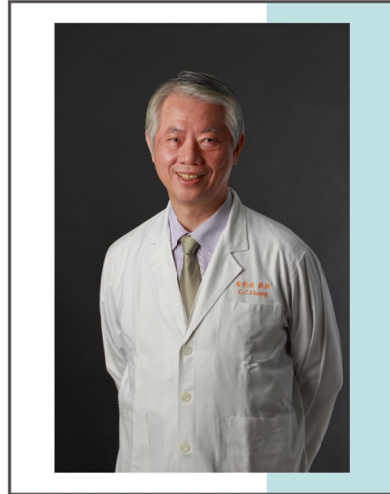


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台灣呼吸治療學會醫療顧問

專門職業及技術人員高等考試呼吸治療師考試常設題庫小組命題及審題委員

臺灣胸腔暨重症加護醫學會專科醫師甄試命題及口試委員

研究計畫

科技部

紅外線光譜儀的組織血氧飽和度和血管閉鎖試驗對急性呼吸窘迫症候群癒後的預測能力
(2012-2014/二年期)

不同的呼吸末期陽壓和潮氣容積對急性呼吸窘迫症候群輸液反應性的影響 (2014-2016/
二年期)

長庚醫學研究計畫

肌肉電刺激對於呼吸器依賴患者在肌肉、肺生理功能及住院成效的影響(2013-2015/二年期)

研究成果

*First Author

1. Chi-Jen Chang , Chung-Chi Huang, Po-Ru Chen and Ying-Ju Lai. Remodeling Matrix Synthesis in a Rat Model of Aortocaval Fistula and the Cyclic stretch: Impaction in Pulmonary Arterial Hypertension-Congenital Heart Disease. *International Journal of Molecular Sciences*. 2020 Jun; 21, 4676; doi:10.3390/ijms21134676. (Equally contributed first author) (SCI: IF 4.556, 74/297 = 24.9% BIOCHEMISTRY AND MOLECULAR BIOLOGY)
 2. Meng-Yu Wu, Chung-Chi Huang, Tzu-I Wu, Chin-Liang Wang, Pyng-Jing Lin. Venovenous Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome in Adults: Prognostic Factors for Outcomes. *Medicine*. 2016 Feb; 95(8):e2870. (Equally contributed first author) (SCI: IF 2.133, 40/155 = 25.8% MEDICINE, GENERAL & INTERNAL)
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