

CHUANG, Yao Chen

PhD



Title

Associate Professor

Contact Details

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Teaching

BSN

Human Biology II

Life Science and Everyday Life

Microbiology – Immunology

Physical Exercise

Pathophysiology and Pharmacology

Clinical Study

Fundamentals of Traditional Chinese Medicine and Nursing

ED

Programme in Dementia Care Organiser

Academic Qualifications

Doctor of Philosophy in Chinese Medicine (Clinical Studies), Macau University of Science and Technology, Macau

Doctor of Philosophy in Physiology, National Taiwan University, Taiwan

Master of Medical Science, China Medical University, Taiwan

Bachelor of Medicine (Traditional Chinese Medicine), Xiamen University, China

Associate Degree of Nursing, National Taipei University of Nursing and Health Sciences, Taiwan

Professional Qualifications

Registered Nurse (Taiwan)

Basic Life Support (Macau)

Certified Dementia Care Planner (Macau)

Traditional Chinese Medicine Practitioner (Malaysia)

Tae Kwon Do A Level Coach and B Level Referee (Taiwan)

Certification of Naturopathic Physician training (Taiwan)

Certification of Traditional Chinese Medicine Test (Taiwan)

Research Interests

Traditional Chinese medicine constitution

Neurocognitive disorders

Advanced glycation end-products

Cancer Cell Cycle and Apoptosis

Publications (for the past five years)

1. Han, Y., Quan, X., Chuang, Y., Liang, Q., Li, Y., Yuan, Z., Bian, Y., Wei, L., Wang, J., & Zhao, Y. (2022). A multi-omics analysis for the prediction of neurocognitive disorders risk among the elderly in Macao. *Clinical and translational medicine*, 12(6), e909. <https://doi.org/10.1002/ctm2.909>
2. Wu J, Leong S-M, Che S-L, Van I-K, Chuang Y-C*. Comparisons of Dementia Knowledge and Attitudes among the Youth and Older Adults: Insights from the Construal Level Theory Perspective. *International Journal of Environmental Research and Public Health*. 2022; 19(4):1928. <https://doi.org/10.3390/ijerph19041928>
3. Yaochen Chuang, Iatkio Van*, Yonghua Zhao, Youhua Xu* (2021). Icariin Ameliorate Alzheimer's Disease by Influencing SIRT1 and Inhibiting A β cascade Pathogenesis. *Journal of Chemical Neuroanatomy*, 117, 102014. <https://doi.org/10.1016/j.jchemneu.2021.102014>
4. Qian Bai[†], Yaochen Chuang[†], Yonghua Zhao, Yao Wang, Pu Ge, Youhua Xu*, Ying Bian* (2021) The Correlation between Demographical and Lifestyle Factors and Traditional Chinese Medicine Constitution among Macau Elderly Individuals. *Evidence-Based Complementary and Alternative Medicine*, 2021, 5595235. doi:10.1155/2021/5595235
5. Zhuo Zhang[†], Yaochen Chuang[†], Xinyu Ke, Ji Wang, Youhua Xu, Yonghua Zhao*, Ying Bian* (2021) The influence of TCM constitutions and neurocognitive function in elderly Macau individuals. *Chinese Medicine*, 16(1):32. doi: 10.1186/s13020-021-00441-2
6. 吳建煒、謝淑玲、莊曜禎、尹一橋、梁淑敏* (2020)。對失智症患者及其照顧態度量表的漢化和信效度研究。《解放軍護理雜誌》，37(11)，30-33。
7. Cheng-Hsien Chen, Yi-Chi Huang, Yuan-Hao Lee, Zhao-Lin Tan, Chia-Jung Tsai, Yao-Chen Chuang, Hsi-Feng Tu, Ta-Chih Liu, Fei-Ting Hsu (2020). Anticancer Efficacy and Mechanism of Amentoflavone for Sensitizing Oral Squamous Cell Carcinoma to Cisplatin. *Anticancer Research*, 40(12), 6723-6732. doi:10.21873/anticancer.14695
8. 莊曜禎、莊昆翰 (2020)。新型冠狀病毒肺炎中醫護理原則。《澳門護理雜誌》，19(1)，12-17。
9. 莊曜禎 (2019)。基於中醫五行理論與病生理機制探討肝源性腸胃功能障礙之病機。《澳

門中醫藥雜誌，18，128-132。

10. HUANG kun han, CHUANG yao chen*. (2019). To Investigate the Guideline of Traditional Chinese Medicine Therapy and Care on Arterial Stiffness from the Point of Pathophysiologic Mechanism. *南京中醫藥大學學報*，35(3): 356-360.
11. Chuang YC*. (2019) To Investigate the Mechanism of Hypertension Induced by Chronic Renal Failure-Related Arteriosclerosis and Principles of Treatment and Nursing Care in Traditional Chinese Medicine. *Nursing & Healthcare International Journal*. 3(2): 1-6.
doi:10.23880/nhij-16000186
12. Tsung-Hsien Yen, Chia-Ling Hsieh, Tsu-Te Liu, Chih-Sheng Huang, Yen-Chung Chen, Yao-Chen Chuang, Song-Shei Lin*, Fei-Ting Hsu*. (2018) Amentoflavone Induces Apoptosis and Inhibits NF-kappaB-Modulated Anti-apoptotic signaling in Glioblastoma Cells. *In Vivo*. 32(2):279-285
13. Kun-Ching Lee, Jai-Jen Tsai, Chih-Wei Tseng, Yu-Cheng Kuo, Yao-Chen Chuang, Song-Shei Lin*, Fei-Ting Hsu*. (2018) Amentoflavone Inhibits ERK-modulated Tumor Progression in Hepatocellular Carcinoma In Vitro. *In Vivo*.32: 549-554.