



Name Yang-Chang Wu

Current Positions Chair Professor, Graduate Institute of Integrated Medicine, College of Chinese Medicine, China Medical University, Taiwan
Director, Chinese Medicine Research and Development Center, China Medical University Hospital, Taiwan.

Telephone +886-4-22053366 Ext. 3605
E-mail yachwu@mail.cmu.edu.tw ; yachwu@gmail.com
E-Portfolio Website http://webap.cmu.edu.tw/TchEportfolio/index_1/yachwu
Personal Website

Education

Postdoctoral Fellow, Prof. Kuo-Hsiung Lee, University of North Carolina, U.S.A. (1987)
Postdoctoral Fellow, Prof. Yoshimasa Hirata, Meijo University, Japan (1986)
Doctor of Philosophy, Graduate Institute of Medicine (Basic Medical Science), KMU, Taiwan (1986)
Master of Science, Graduate Institute of Medicine (Basic Medical Science), KMU, Taiwan (1982)
Bachelor of Science in Pharmacy, KMU, Taiwan (1975)

Expertise

Translational Research on Chinese Herbal Medicine and Natural Medicinal Products - Functional Food and New Drug Development

Research Interests

1. Development of Protoapigenone Type of Drugs from *Thelypteris torresiana* (Taiwanese fern) - GSTO Inhibitor Plus Platinum-based Chemotherapy as Adjuvant Treatment for Cancer
2. Drug Research and Development of Anti-metabolic Syndrome
3. Translational Research on the Authentic Taiwanese Mushroom - *Antrodia cinnamomea*

Selected Grants:

PI:

1. Development of Chinese Herbal Medicine *Lonicera japonica* as adjuvant therapy for non-muscle invasive urothelial bladder cancer. MOST 108-2320-B-039-062 – (2019/08/01~2020/07/31) (3/3)
2. Cynara scolymus alleviates COPD symptoms via modulating macrophage and helper T cell differentiation. MOST 109-2320-B-037-031 – (2020/08/01~2021/07/31) (2/2)

Selected Publications

1. Mei-Chin Lu, Mohamed El-Shazly, Tung-Ying Wu, Ying-Chi Du, Tun-Tschu Chang, Chieh-Fu Chen, Yu-Ming Hsu, Kuei-Hung Lai, Ching-Peng Chiu, Fang-Rong Chang*, **Yang-Chang Wu***, 2013, “Recent Research and Development of *Antrodia cinnamomea*”, *Pharmacology & Therapeutics*, 139, 124-156. **IF=10.557**
2. Chien-Chin Lee, Wen-Hsin Chang, Ya-Sian Chang, Jinn-Moon Yang, Chih-Shiang Chang, Kai-Cheng Hsu, Yun-Ti Chen, Ting-Yuan Liu, Yu-Chia Chen, Shyr-Yi Lin*, **Yang-Chang Wu*** and Jan-Gowth Chang*, 2019, “Alternative Splicing in Human Cancer Cells Is Modulated by the Amiloride Derivative 3,5-diamino-6-chloro-N-(N-(2,6-dichlorobenzoyl)carbamimidoyl)pyrazine-2-carboxide”, *Molecular Oncology*, 13, 1744-1762. **IF=6.574**

Selected Patents

Compound for inhibiting glutathione s-transferase omega 1 activity, pharmaceutical composition containing thereof, and method for synthesizing the same. Taiwan(patent number: I503315, 2014); USA(patent number: 8,969,406, 2014); China(patent number: ZL201310665042.2, 2016); Japan(patent number: 5778301, 2014); European union (patent number: 3081562, 2014), **Yang-Chang Wu**, Kuo-Hsiung Lee, Fang-Rong Chang, Da-Wei Chuang, Juan-Cheng Yang.