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Chen, Yu-Chang Assistant Professor
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- **Teaching Courses**
 1. Medicinal Botany
 2. Experiment of Medicinal Botany
 3. Pharmacognosy
 4. Experiment of Pharmacognosy
 5. Natural Product Chemistry
 6. Special Topic of Natural Product Chemistry
 7. Special Topic of Medicinal Botany
- **The Highest Education Degree**
Ph.D. in Graduate Institute of Pharmaceutical Sciences, Kaohsiung Medical University
- **Personal Experiences**

2017/02-present Assistant Professor, School of Pharmacy, College of Pharmacy, Kaohsiung Medical University

2015/03-2017/01 Pharmacist, Department of Pharmacy, China Medical University Hospital

2014/08-2014/09 R&D Manager, Everest Pharmaceutical Industrial Co., LTD.

2010/08-2014/07 Assistant Professor, Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources, College of Pharmacy, China Medical University

2007/08-2010/07 Assistant Professor, Department of Chinese Medicine Resources, College of Pharmacy, China Medical University

2001/09-2005/09 Teaching Assistant, School of Pharmacy, College of Pharmacy, Kaohsiung Medical University
- **Association**
 1. The Pharmaceutical Society of Taiwan
 2. The Society of Chinese Natural Medicine
 3. Taiwan Society of Health-System Pharmacists

- **Research Area**

1. Natural Product Chemistry
2. Medicinal Botany

- **Recent Publications**

1. Hsin-Chun Chen*, Yi-Jr Tsai, Li-Yun Lin, Chin-Sheng Wu, Shan-Pao Tai, **Yu-Chang Chen**, Hsiu-Mei Chiang*. Volatile compounds from roots, stems and leaves of *Angelica acutiloba* growing in Taiwan. Natural Product Communications, 2014, 9, 583-586. (SCI)
2. Chin-Tung Wu, Keng-Shiang Huang, Chih-Hui Yang, **Yu-Chang Chen**, Jiunn-Wang Liao, Chao-Lin Kuo, Chung-Li Chen, Shu-Fang Lo, Chang-Chi Hsieh*, Hsin-Sheng Tsay*. Inhibitory effects of cultured *Dendrobium tosaense* on atopic dermatitis murine model. International Journal of Pharmaceutics, 2014, 463, 193-200. (SCI)
3. Hsin-Chun Chen, Li-Wen Peng, Ming-Jen Sheu, Li-Yun Lin, Hsiu-Mei Chiang, Chun-Ta Wu, Chin-Sheng Wu, **Yu-Chang Chen***. Effects of hot water treatment effects on the essential oils of calamondin. Journal of Food and Drug Analysis, 2013, 21, 363-368. (SCI)
4. **Yu-Chang Chen**, Yen-Cheng Li, Hsi-Lin Chiu, Wei-Yi Cheng, Yong-Han Hong, Ping-Jyun Sung, Ching-Chuan Kuo, Bor-Tsang Wu*, Yueh-Hsiung Kuo*. Diterpenoids from the wood of *Cunninghamia konishii*. Helvetica Chimica Acta, 2013, 96, 2282-2287. (SCI)
5. Tzong-Huei Lee, **Yu-Chang Chen**, Ching-Kuo Lee, Hsun-Shuo Chang, Ching-Chuan Kuo, Che-Yi Chao, Jing-Jer Lin, Lee-Chiang Lo*, Yueh-Hsiung Kuo*. Aconitamide, a novel alkaloid from the roots of *Aconitum carmichaeli*. Natural Product Communications, 2013, 8, 827-828. (SCI)
6. **Yu-Chang Chen***, Hong-Zin Lee, Hsin-Chun Chen, Chi-Luan Wen, Yueh-Hsiung Kuo, Guei-Jane Wang*. Anti-inflammatory components from the root of *Solanum erianthum*. International Journal of Molecular Sciences, 2013, 14, 12581-12592. (SCI)
7. Chung-Pin Yang, Guan-Jhong Huang, Hui-Chi Huang, **Yu-Chang Chen**, Chi-I Chang, Sheng-Yang Wang, Hsun-Shuo Chang, Yen-Hsueh Tseng, Shih-Chang Chien*, Yueh-Hsiung Kuo*. The effect of the aerial part of *Lindera akoensis* on lipopolysaccharides (LPS)-induced nitric oxide production in RAW264.7 cells. International Journal of Molecular Sciences, 2013, 14, 9168-9181. (SCI)
8. Chih-Chuang Liaw, **Yu-Chang Chen**, Guan-Jhong Huang, Yao-Ching Tsai, Shih-Chang Chien, Jyh-Horng Wu, Sheng-Yang Wang, Louis Kuoping Chao,

- Ping-Jyun Sung, Hui-Chi Huang, Yueh-Hsiung Kuo*. Anti-inflammatory lanostanoids and lactone derivatives from *Antrodia camphorata*. Journal of Natural Products, 2013, 76, 489-494. (SCI)
9. **Yu-Chang Chen**, His-Lin Chiu, Che-Yi Chao, Wen-Hsin Lin, Louis Kuoping Chao, Guan-Jhong Huang*, Yueh-Hsiung Kuo*. New anti-inflammatory aromatic components from *Antrodia camphorata*. International Journal of Molecular Sciences, 2013, 14, 4629-4639. (SCI)
 10. **Yu-Chang Chen**, Yen-Cheng Li., Bang-Jau You, Wen-Te Chang, Louis Kuoping Chao, Lee-Chiang Lo, Sheng-Yang Wang, Guan-Jhong Huang, Yueh-Hsiung Kuo*. Diterpenoids with anti-inflammatory activity from the wood of *Cunninghamia konishii*. Molecules, 2013, 18, 682-689. (SCI)
 11. Hui-Chi Huang, Chih-Chuang Liaw, Hsin-Ling Yang, You-Cheng Hseu, Hsiou-Ting Kuo, Yao-Ching Tsai, Shih-Chang Chien, Sakae Amagaya, **Yu-Chang Chen***, Yueh-Hsiung Kuo*. Lanostane triterpenoids and sterols from *Antrodia camphorata*. Phytochemistry, 2012, 84, 177-183. (SCI)
 12. Han-Peng Kuo, Tzu-Chao Chuang, Shih-Chang Tsai, Hsiu-Hsueh Tseng, Shih-Chung Hsu, **Yu-Chang Chen**, Chao-Lin Kuo, Yueh-Hsiung Kuo, Jah-Yao Liu, Ming-Ching Kao*. Berberine, an isoquinoline alkaloid, inhibits the metastatic potential of breast cancer cells via Akt pathway modulation. Journal of Agricultural and Food Chemistry, 2012, 60, 9649-9658. (SCI)
 13. Chung-Pin Yang, Guan-Jhong Huang, Hui-Chi Huang, **Yu-Chang Chen**, Chi-I Chang, Sheng-Yang Wang, Ih-Sheng Chen, Yen-Hsueh Tseng., Shih-Chang Chien* ,Yueh-Hsiung Kuo*. A new butanolide compound from the aerial part of *Lindera akoensis* with anti-inflammatory activity. Molecules, 2012, 17, 6585-6592. (SCI)
 14. Hsin-Ling Yang, Ssu-Ching Chen, Kai-Yuan Lin, Mei-Tsun Wang, **Yu-Chang Chen**, Hui-Chi Huang, Hsin-Ju Cho, Lai Wang, K. J. Senthil Kumar, You-Cheng Hseu*. Antioxidant activities of aqueous leaf extracts of *Toona sinensis* on free radical-induced endothelial cell. Journal of Ethnopharmacology, 2011, 137, 669-680. (SCI)
 15. Hong-Zin Lee*, Da-Tian Bau, Chao-Lin Kuo, Ru-Yin Tsai, **Yu-Chang Chen**, Yu-Hao Chang. Clarification of the phenotypic characteristics and anti-tumor activity of *Hedyotis diffusa*. The American Journal of Chinese Medicine, 2011, 39, 201-213. (SCI)