

- **Name / Position**

Chang, Hsun-Shuo Assistant Professor

- **Office Address :**

School of Pharmacy

College of Pharmacy

Kaohsiung Medical University

100, Shih-Chuan 1st Rd. Kaohsiung 807, Taiwan

- **E-mail :** hschang@kmu.edu.tw

- **Tel :** 886-7-3121101 ext. 2664

- **Fax :** 886-7-3210683



- **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 Natural Products, Kaohsiung Medical University

- **Personal Experiences**

2014.02 ~ present —Assistant Professor, School of Pharmacy, Kaohsiung Medical University

2012.03 ~ 2013.06 —Postdoctoral Fellow, Graduate School of Pharmaceutical Science, Chiba University, Japan

2005.10 ~ 2008.08 —Teaching assistant, School of Pharmacy, Kaohsiung Medical University

- **Association**

1. The Society of Chinese Natural Medicine

2. The Pharmaceutical Society of Taiwan

- **Honors**

- **Award**

- **Research Area**

1. Chemical constituents and bioactivities of Formosan plants (Bioactivities including antitubercular activity, anticancer, antioxidant, antiinflammatory, antiplatelet aggregation, anti-dengue virus etc.)
2. Purification and identification of bioactive constituents of endophytic fungi from Formosan endemic plants.

- **Recent Publications**

- 1 Hsun-Shuo Chang, Yi-Ju Lin, Shiow-Ju Lee, Cheng-Wei Yang, Wei-Yu Lin, Ian-Lih Tsai, Ih-Sheng Chen*. Cytotoxic alkyl benzoquinones and alkyl phenols from *Ardisia virens*. **Phytochemistry** 2009; 70: 2064-2071. (SCI)
- 2 Hsun-Shuo Chang, Shiow-Ju Lee, Cheng-Wei Yang, Ih-Sheng Chen*. Cytotoxic sesquiterpenes from *Magnolia kachirachirai*. **Chem. Biodivers.** 2010; 7: 2737-2747. (SCI)
- 3 Bi-Jiuan Liou, Hsun-Shuo Chang, Guei-Jane Wang, Michael Y. Chiang, Chang-Hui Liao, Chu-Hung Lin, Ih-Sheng Chen*. Secondary metabolites from the leaves of *Neolitsea hiiranensis* and the anti-inflammatory activity of some of them. **Phytochemistry** 2011; 72: 415-422. (SCI)
- 4 Hsun-Shuo Chang, Ming-Jen Cheng, Ih-Sheng Chen*. Secondary metabolites from *Magnolia kachirachirai*. **Helv. Chim. Acta** 2011; 94: 703-710. (SCI)
- 5 Yun-Ting Huang, Hsun-Shuo Chang, Guei-Jane Wang, Ming-Jen Cheng, Chu-Huang Chen, Yi-Jen Yang, Ih-Sheng Chen*. Anti-inflammatory endiandric acid analogues from the roots of *Beilschmiedia tsangii*. **J. Nat. Prod.** 2011; 74: 1875-1880. (SCI)
- 6 Su-Ling Wong, Hsun-Shuo Chang, Guei-Jane Wang, Michael Y. Chiang, Hung-Yi Huang, Chu-Huang Chen, Shiow-Chwen Tsai, Chu-Hung Lin, Ih-Sheng Chen*. Secondary metabolites from the roots of *Neolitsea daibuensis* and their antiinflammatory activity. **J. Nat. Prod.** 2011; 74: 2489-2496. (SCI)
- 7 Ying-Chen Lu[#], Hsun-Shuo Chang[#], Chien-Fang Peng, Chu-Hung Lin, Ih-Sheng Chen*. Secondary metabolites from the unripe pulp of *Persea americana* and their antimycobacterial activity. **Food Chem.** 2012; 135: 2904-2909. (SCI)
#Co-first authors who contributed equally in this manuscript.
- 8 Yun-Ting Huang[#], Hsun-Shuo Chang[#], Guei-Jane Wang, Chu-Hung Lin, Ih-Sheng Chen*. Secondary metabolites from the roots of *Beilschmiedia tsangii* and their anti-inflammatory activities. **Int. J. Mol. Sci.** 2012; 13: 16430-16443. (SCI)
#Co-first authors who contributed equally in this manuscript.
- 9 Hsun-Shuo Chang, Michael Y. Chiang, Hsing-Yu Hsu, Cheng-Wei Yang, Chu-Hung Lin, Shiow-Ju Lee*, Ih-Sheng Chen*. Cytotoxic cardenolide glycosides from the root of *Reevesia formosana*. **Phytochemistry** 2013; 87: 86-95. (SCI)
- 10 Wohn-Jenn Leu, Hsun-Shuo Chang, She-Hung Chan, Jui-Ling Hsu, Chia-Chun Yu,

Lih-Ching Hsu, Ih-Sheng Chen, Jih-Hwa Guh*. Reevesioside A, a cardenolide glycoside, induces anticancer activity against human hormone-refractory prostate cancers through suppression of c-myc expression and induction of G1 arrest of the cell cycle. **PLoS One** 2014; 9: e87323. (SCI)