

- **Name / Position**

Chang, Hsun-Shuo Assistant Professor

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- **Teaching Courses**

1. Medicinal Botany

2. Experiment of Medicinal Botany

3. Pharmacognosy

4. Experiment of Pharmacognosy

5. Survey of Pharmaceutical Literature

6. Natural Product Chemistry

7. Special Topic of Natural Product Chemistry

8. Special Topic of Medicinal Botany

- **The Highest Education Degree**

Ph.D. in Graduate Institute of Natural Products, Kaohsiung Medical University

- **Personal Experiences**

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**

The Society of Chinese Natural Medicine

- **Research Area**

1. Chemical constituents and bioactivities of Formosan plants (Bioactivities including antitubercular activity, cytotoxicity, antioxidant, antiinflammatory, antiplatelet aggregation etc.)

2. Purification and identification of bioactive constituents of endophytic fungi from Formosan endemic plants.

- **Recent Publications**

1 Hsun-Shuo Chang, Yi-Ju Lin, Shio-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)

Chu-Hung Lin, Hsun-Shuo Chang, Chang-Hui Liao, Tai-Hsin Ou, Ih-Sheng Chen, Ian-Lih Tsai\*. Anti-inflammatory biphenyls and dibenzofurans from *Rhaphiolepis indica*. **J. Nat. Prod.** 2010; 73: 1628-1631. (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<sup>#</sup>, Hsun-Shuo Chang<sup>#</sup>, 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<sup>#</sup>, Hsun-Shuo Chang<sup>#</sup>, 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)