

- **Name / Position**

Chen, Ih-Sheng Emeritus Professor

- **Office Address :**

School of Pharmacy

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- **Teaching Courses**

1. Medicinal Botany

2. Experiment of Medicinal Botany

3. Pharmacognosy

4. Special Topic of Natural Product Chemistry

5. Special Topic of Medicinal Botany

- **The Highest Education Degree**

Ph. D in Faculty of Pharmaceutical Sciences, Chiba University, Japan.

- **Personal Experiences**

2015 Nov.~ — Editor, Journal of Food and Drug Analysis

2013 Aug.~ 2014 Jul — Acting Dean, Research Center for Natural Product and New Drug

2008 Aug.~ 2009 Jul.— Director, Center for Promotion of Industry-University Cooperation

2008 Jun.~ present — Senior Editor, The Pharmaceutical Society of Taiwan

2005~2009 —Referee, Committee on Chinese Medicine and Pharmacy, Department of Health, Executive Yuan

2005 Jan. ~ present — Consultant, Food Industry Research and Development Institute. (FIRDI)

2004 Jan. ~ present — Editor, Journal of Chinese Medicine

1999 Jan. ~ 2008 May — Editor, The Pharmaceutical Society of Taiwan

1991 Jul. ~ 1995 Jun. — Member of Committee on Chinese Medicine and Pharmacy, Department of Health, Executive Yuan

1988 Aug. ~ 2006 Jul. — Dean of Business, Kaohsiung Medical University

1984 Aug. ~ 2014 Jul. — Professor, School of Pharmacy, Kaohsiung Medical University

1984 Aug. ~ 1988 Jul. — Chief Librarian, Kaohsiung Medical College

1979 Dec. ~ 1980 Jul. — Acting Dean, School of Pharmacy, Kaohsiung Medical College

1976 Aug. ~ 1984 Jul. — Associated Professor, School of Pharmacy, Kaohsiung Medical College

1974 Aug. ~ 1976 Jul. — Lecturer, School of Pharmacy, Kaohsiung Medical College

1971 Aug. ~ 1974 Jul. — Lecturer, Ta-Jen Pharmaceutical College

1968 Aug. ~ 1971 Jul. — Teaching Assistant, Ta-Jen Pharmaceutical College

• **Association**

1. The Pharmaceutical Society of Taiwan
2. The Chinese Chemical Society
3. The Chinese Forestry Association

• **Award**

1. 2001 — Dr. Tsung Ming Du's Science Medal
2. 2002 — 2001 Excellent Paper by Kaohsiung Medical University Alumnus Foundation
3. 2002 — 2001 Outstanding Research Teacher by Kaohsiung Medical University
4. 2003 — 2002 Outstanding Research Teacher by Kaohsiung Medical University
5. 2003 — 51th Annual Congress of the Society for Medicinal Plant Research Best Post Award
6. 2008 — Senior Memorial Award for Excellence in Teaching for 40 Years of Teaching
7. 2009 — 2008 Excellent Paper by Kaohsiung Medical University Alumnus Foundation
8. 2009 — 2009 Outstanding Research Teacher by Kaohsiung Medical University
9. 2010 — 14th Academic Distinguished Alumni of Kaohsiung Medical University
10. 2011 — 2010 Outstanding Research Teacher by Kaohsiung Medical University
11. 2011 — 2010 Outstanding exhibition on Industry — University Collaboration by Kaohsiung Medical University
12. 2012 — 2011 Outstanding exhibition on Industry — University Collaboration by Kaohsiung Medical University
13. 2013 — 2012 Excellent exhibition on Industry — University Collaboration by Kaohsiung Medical University
14. 2013 — 2012 Excellent Research Teacher by Kaohsiung Medical University
15. 2014 — 2013 Excellent exhibition on Industry — University Collaboration by Kaohsiung Medical University
16. 2015 — 2014 Award of Industry Corporation by Kaohsiung Medical University
17. 2015 — 2014 Award of Patent Approval by Kaohsiung Medical University

• **Research Area**

1. Chemical constituents and bioactivities of Formosan plants (Bioactivities includes

activities of antitubercular, cytotoxicity, anti-HIV, antiplatelet aggregation, antiinflammation, antioxidant.)

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

• **Recent Publications (2010 - 2015)**

1. Ming-Jen Cheng, Ming-Der Wu, Ping-Shin Yang, Jih-Jung Chen, Ih-Sheng Chen*, Yen-Lin Chen, Gwo-Fang Yuan*. (2010) Secondary Metabolites Isolated from the Fungus *Monascus kaoliang*-Fermented Rice. *J. Chil. Chem. Soc.*, 55, 107-110. (SCI)
2. Ming-Jen Cheng, Tzu-Ann Wang, Shiow-Ju Lee, Ih-Sheng Chen*. (2010) A New Butanolide and a New Secobutanolide from *Litsea lii* var. *nunkao-tahangensis*. *Nat. Prod. Res.*, 24, 647-656. (SCI)
3. Pei-Chi Pan, Ming-Jen Cheng, Chien-Fang Peng, Hung-Yi Huang, Jih-Jung Chen, Ih-Sheng Chen*. (2010) Secondary Metabolites from the Roots of *Litsea hypophaea* and Their Antitubercular Activity. *J. Nat. Prod.*, 73, 890-896. (SCI)
4. Li-Wen Chen, Ming-Jen Cheng*, Chien-Fang Peng, Ih-Sheng Chen*. (2010) Secondary Metabolites and Antimycobacterial Activities from the Roots of *Ficus nervosa*. *Chem. Biodivers.*, 7, 1814-1821. (SCI)
5. Tsung-Hsien Chou, Jih-Jung Chen, Shiow-Ju Lee, Michael Y. Chiang, Cheng-Wei Yang, Ih-Sheng Chen*. (2010) Cytotoxic Flavonoids from the Leaves of *Cryptocarya chinensis*. *J. Nat. Prod.*, 73, 1470-1475. (SCI)
6. Chun-Ching Chiang, Ming-Jen Cheng, Hung-Yi Huang, Hsun-Shuo Chang, Chyi-Jia Wang, Ih-Sheng Chen*. (2010) Prenyl Coumarins from *Fatoua pilosa*. *J. Nat. Prod.*, 73, 1718-1722. (SCI)
7. Hsun-Shuo Chang, Shiow-Ju Lee, Cheng-Wei Yang, Ih-Sheng Chen*. (2010) Cytotoxic Sesquiterpenes from *Magnolia kachirachirai*. *Chem. Biodivers.*, 7, 2737-2747. (SCI)
8. Chun-Po Chang, Hsun-Shuo Chang, Chien-Fang Peng, Shiow-Ju Lee, Ih-Sheng Chen*. (2011) Antitubercular Resorcinol Analogs and Benzenoid C-Glucoside from the Roots of *Ardisia cornudentata*. *Planta Med.*, 77, 60-65. (SCI)
9. Bi-Jiuan Liou, Hsun-Shuo Chang, Guei-Jane Wang, Michael Y. Chiang, Chang-Hui Liao, Chu-Hung Lin, Ih-Sheng Chen*. (2011) Secondary Metabolites from the Leaves of *Neolitsea hiiranensis* and the Anti-inflammatory Activity of Some of Them. *Phytochemistry*, 72, 415-422. (SCI)
10. Hsun-Shuo Chang, Ming-Jen Cheng, Ih-Sheng Chen*. (2011) Secondary Metabolites from *Magnolia kachirachirai*. *Helv. Chim. Acta*, 94, 703-710. (SCI)
11. Hung-Yi Huang, Tsutomu Ishikawa, Chien-Fang Peng, Si Chen, Ih-Sheng Chen*. (2011) Secondary Metabolites from the Root Wood of *Zanthoxylum wutaiense* and Their

- Antitubercular Activity. *Chem. Biodivers.*, 8, 880-886. (SCI)
12. Yu-Lin Tung, Ming-Jen Cheng, Nai-Yun Hu, Ying-Chu Shih, Shu-Jiau Chiou, Ih-Sheng Chen*. (2011) Secondary Metabolites from *Saussurea deltoidea* and Their Inhibitory Activity on Lipopolysaccharide-Induced Tumor Necrosis Factor Production. *Chem. Biodivers.*, 8, 1446-1454.
 13. Yun-Ting Huang, Hsun-Shuo Chang, Guei-Jane Wang, Ming-Jen Cheng, Chu-Huang Chen, Yi-Jen Yang, Ih-Sheng Chen*. (2011) Anti-inflammatory Endiandric Acid Analogues from the Roots of *Beilschmiedia tsangii*. *J. Nat. Prod.*, 74, 1875-1880. (SCI)
 14. Tsung-Hsien Chou, Jih-Jung Chen, Chien-Fang Peng, Ming-Jen Cheng, Ih-Sheng Chen*. (2011) New Flavanones from the Leaves of *Cryptocarya chinensis* and Their Antituberculosis Activity. *Chem. Biodivers.*, 8, 2015-2024. (SCI)
 15. 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*. (2011) Secondary Metabolites from the Roots of *Neolitsea daibuensis* and Their Anti-inflammatory Activity. *J. Nat. Prod.*, 74, 2489-2496. (SCI)
 16. Hung-Yi Huang, Horng-Huey Ko, Yu-Jin Jin, Sheng-Zehn Yang, You-An Shih, Ih-Sheng Chen*. (2012) Dihydrochalcone Glucosides and Antioxidant Activity from the Roots of *Anneslea fragrans* var. *lanceolata*. *Phytochemistry*, 78, 120-125. (SCI)
 17. Ho-Chen Wu, Ming-Jen Cheng, Chien-Fang Peng, Shyh-Chyun Yang, Hsun-Shuo Chang, Chu-Hung Lin, Chyi-Jia Wang, Ih-Sheng Chen*. (2012) Secondary Metabolites from the Stems of *Engelhardia roxburghiana* and Their Antitubercular Activities. *Phytochemistry*, 82, 118-127. (SCI)
 18. Ying-Chen Lu, Hsun-Shuo Chang, Chien-Fang Peng, Chu-Hung Lin, Ih-Sheng Chen*. (2012) Secondary Metabolites from the Unripe Pulp of *Persea americana* and their Antimycobacterial Activities. *Food Chem.*, 135, 2904-2909. (SCI)
 19. Yun-Ting Huang, Hsun-Shuo Chang, Guei-Jane Wang, Chu-Hung Lin, Ih-Sheng Chen*. (2012) Secondary Metabolites from the Roots of *Beilschmiedia tsangii* and Their Anti-inflammatory Activities. *Int. J. Mol. Sci.* 13, 16430-16443. (SCI)
 20. Hsun-Shuo Chang, Michael Y. Chiang, Hsing-Yu Hsu, Cheng-Wei Yang, Chu-Hung Lin, Shiow-Ju Lee*, Ih-Sheng Chen*. (2013) Cytotoxic Cardenolide Glycosides from the Root of *Reevesia formosana*. *Phytochemistry*, 87, 86-95. (SCI)
 21. Ming-Der Wu, Ming-Jen Cheng*, Ih-Sheng Chen*, Yung-Shun Su, Sung-Yuan Hsieh, Hsun-Shuo Chang, Chun-Wei Chang, Gwo-Fang Yuan*. (2013) Phytochemical Investigation of *Annulohyphoxylon ilanense*, an Endophytic Fungus Derived from *Cinnamomum* species. *Chem. & Biodivers.*, 10, 493-505. (SCI)
 22. Si Chen, Hung-Yi Huang, Ming-Jen Cheng, Chin-Chung Wu, Tsutomu Ishikawa, Chien-Fang Peng, Hsun-Shuo Chang, Chyi-Jia Wang, Su-Ling Wong, Ih-Sheng Chen*.

- (2013) Neolignans and Phenylpropanoids from the Roots of *Piper taiwanense* and Their Antiplatelet and Antitubercular Activities. *Phytochemistry*, 93, 203-209. (SCI)
23. Si Chen, Ming-Jen Cheng*, Chin-Chung Wu, Chien-Fang Peng, Hung-Yi Huang, Hsun-Shuo Chang, Chyi-Jia Wang, Ih-Sheng Chen*. (2014) Three New Phenylpropanoids from the Roots of *Piper taiwanense* and Their Inhibitory Activities on Platelet Aggregation and *Mycobacterium tuberculosis*. *Chem. & Biodivers.* 11, 792-799. (SCI)
 24. Ya-Chih Ting, Horng-Huey Ko, Hui-Chun Wang, Chien-Fang Peng, Hsun-Shuo Chang, Pei-Chen Hsieh, Ih-Sheng Chen*. (2014) Biological Evaluation of Secondary Metabolites from the Roots of *Myrica adenophora*. *Phytochemistry* 103, 89-98. (SCI)
 25. Hsiang-Ru Lin*, Tsung-Hsien Chou, Din-Wen Huang, Ih-Sheng Chen*. (2014) Cryptochinones from *Cryptocarya chinensis* Act as Farnesoid X Receptor Agonists. *Bioorg. Med. Chem. Lett.* 24, 4181-4186. (SCI)
 26. Chun-Wei Chang, Hsun-Shuo Chang, Ta-Wei Liu, Sung-Yuan Hsieh, Gwo-Fang Yuan, Ming-Jen Cheng*, Ih-Sheng Chen*. (2014) Inhibitory Effects of Constituents from an Endophytic Fungus *Hypoxylon investiens* on Nitric Oxide and Interleukin-6 Production in RAW264.7 Macrophages. *Chem. & Biodivers.* 11, 949-961. (SCI)
 27. Nai-Wen Fan, Hsun-Shuo Chang, Ming-Jen Cheng, Sung-Yuan Hsieh, Ta-Wei Liu, Gwo-Fang Yuan*, Ih-Sheng Chen*. (2014) Secondary Metabolites from the Endophytic Fungus *Xylaria cubensis*. *Helv. Chem. Acta.* 97, 1689-1699. (SCI)
 28. Masato Takahashi, Noriyuki Suzuki, Tsutomu Ishikawa*, Hung-Yi Huang, Hsun-Shuo Chang, Ih-Sheng Chen*. (2014) Unprecedented 8,9'-Neolignans: Enantioselective Synthesis of Possible Stereoisomers for Structural Determination. *J. Nat. Prod.* 77, 2585-2589. (SCI)
 29. Chun-Wei Chang, Hsun-Shuo Chang, Ming-Jen Cheng*, Chien-Fang Peng, Ih-Sheng Chen*. (2015) Identification of Five New Minor Constituents from the Whole Plant of *Amischotolype hispida*. *Helv. Chim. Acta* 98, 347-358. (SCI)
 30. Ya-Ling Hou, Hsun-Shuo Chang*, Hui-Chun Wang, Sheng-Yang Wang, Tze-Ying Chen, Chu-Hung Lin, Ih-Sheng Chen*. (2015) Sassafrandinol: A New Neolignan and Anti-inflammatory Activity from the Stem of *Sassafras randaiense*. *Nat. Prod. Res.* 29, 827-832. (SCI)
 31. Shan-Yu Lin, Horng-Huey Ko, Shioh-Ju Lee, Hsun-Shuo Chang*, Chu-Hung Lin, Ih-Sheng Chen*. (2015) Biological Evaluation of Secondary Metabolites from the Root of *Machilus obovatifolia*. *Chem. & Biodivers.* 12, 1057-1067. (SCI)
 32. Yi Hsiao, Hsun-Shuo Chang, Ta-Wei Liu, Sung-Yuan Hsieh, Gwo-Fang Yuan, Ming-Jen Cheng*, Ih-Sheng Chen*. (2016) Secondary Metabolites and Bioactivity of the

- Endophytic Fungus *Phomopsis theicola* from Taiwanese endemic plant. *Rec. Nat. Prod.* 10, 189-194. (SCI)
33. Jih-Jung Chen*, Tzong-Huei Lee, Wen-Lung Kuo, Ping-Jyun, Sung, Ih-Sheng Chen, Chih-Wen Shu, Ming-Jen Cheng, Tai-Chi Wang, Yun-Ping Lim, Rong Xu. (2015) (+)-(6aR,7R)-7-Hydroxy-N-butyrylcaaverine, A New Aporphine Alkaloid from the Roots of *Illigera luzonensis* with Cytotoxic Activity. *Chem. Nat. Compd.* 51, 739-742. (SCI)
 34. Yi-Shuan Chen, Ming-Jen Cheng, Yi Hsiao, Hing-Yuen Chan, Sung-Yuan Hsieh, Chun-Wei Chang, Ta-Wei Liu, Hsun-Shuo Chang*, Ih-Sheng Chen*. (2015) Chemical constituents of the Endophytic Fungus *Hypoxylon* sp. 12F0687 Isolated from Taiwanese *Ilex formosana*. *Helv. Chim. Acta.* 98, 1167–1176. (SCI)
 35. Jui-Ling Hsu, Fan-Lun Liu, Lih-Ching Hsu, Hsun-Shuo Chang, Wohn-Jenn Leu, Chia-Chun Yu, Wei-Ling Chang, Ih-Sheng Chen, Fan-Lu Kung* and Jih-Hwa Guh*. (2015) *Epi-reevesioside F* inhibits Na⁺/K⁺-ATPase, causing cytosolic acidification, Bak activation and apoptosis in glioblastoma. *Oncotarget.* 6, 24032-24046. (SCI)
 36. Yi Hsiao, Ming-Jen Cheng*, Hsun-Shuo Chang*, Ming-Der Wu, Sung-Yuan Hsieh, Ta-Wei Liu, Chu-Hung Lin, Gwo-Fang Yuan & Ih-Sheng Chen*. (2015) Six new metabolites produced by *Colletotrichum aotearoa* 09F0161, an endophytic fungus isolated from *Bredia oldhamii*. *Nat. Prod. Res.* (SCI) (online)
 37. Hsun-Shuo Chang, Ih-Sheng Chen*. (2015) Chemical Constituents and Bioactivities of Formosan Lauraceous Plants. *J. Food Drug Anal.* (SCI) (accepted)