

## **Yang-Chang Wu, Ph. D.**

Chair Professor/Vice President  
Graduate Institute of Integrated Medicine,  
College of Chinese Medicine,  
China Medical University

Office: 91 Hsueh-Shih Road, Taichung, 40402, TAIWAN  
Tel: +886-4-22057153  
Fax: +886-4-22060248  
E-mail: [yachwu@mail.cmu.edu.tw](mailto:yachwu@mail.cmu.edu.tw)



### **EDUCATION**

- 1987-1987 Postdoctoral Fellow with Prof. Kuo-Hsiung Lee, University of North Carolina at Chapel Hill, U.S.A.
- 1986-1987 Postdoctoral Fellow with Prof. Yoshimasa Hirata, Meijo University, Japan
- 1982-1986 Doctor of Philosophy, Kaohsiung Medical University, Taiwan
- 1979-1982 Master of Science, Kaohsiung Medical University, Taiwan
- 1971-1975 Bachelor of Science in Pharmacy, Kaohsiung Medical University, Taiwan

### **AWARDS AND HONORS**

- 2010 -- Outstanding Medical and Pharmaceutical Technology award of Tien Te Lee Biomedical Foundation, Taiwan
- 2008 -- Outstanding research award of National Science Council, Taiwan
- 2007 -- Outstanding merit and high scholastic achievement to medical and pharmaceutical research award of Wang Ming-Ning Foundation
- 2001-2009 -- Outstanding Research Award, Kaohsiung Medical University
- 2002-2004 -- Department Chairmen of Pharmacy and Chinese Medicine, National Science Council, Taiwan
- 1995~ -- Consultant of Committee on Chinese Medicine and Pharmacy, Department of Health, Executive Yuan, Taiwan
- 1992-1993 -- Excellent Research Award, National Science Council, Taiwan

### **EDITORIAL BOARD MEMBERSHIP**

Planta Medica (Germany)  
Marine Drugs (Swiss)  
The Chinese Pharmaceutical Journal (Taipei)  
Journal of Chinese Medicine (Taipei)  
Journal of Chinese Medicine (China)

### **JOURNAL REVIEWER**

Tetrahedron & Tetrahedron Letters (England)  
Journal of Natural Products (U.S.A)  
Phytochemistry (England)

Phytomedicines (Germany)  
Journal of The Chinese Chemical Society (Taipei)  
Journal of Food and Drug Analysis (Taipei)  
Journal of the Chinese Chemical Society (Taipei)  
Journal of Agriculture and Food Chemistry (USA)  
Plant Biology (Germany)  
Planta Medica (Germany)  
European Journal of Medicinal Chemistry (France)  
Natural Product Research (Parkistan)

## PUBLICATION

### Original Publications (2005~2010)

1. Tsong-Long Hwang, **Yang-Chang Wu**, Shang-Hsin Yeh and Reen-Yen Kuo, 2005, "Suppression of respiratory burst in human neutrophils by new synthetic pyrrolo-benzylisoquinolines.", *Biochemical Pharmacology*, 69, 65-71. (SCI)
2. Yi-Ching Lo, Pei-Ling Tsai, Yaw-Bin Huang, Kuo-Pyng Shen, Yi-Hung Tsai, **Yang-Chang Wu**, Yung-Hsiung Lai and Ing-Jun Chen\*, 2005 "San-Huang-Xie-Xin-Tang reduces lipopolysaccharides-induced hypotension and inflammatory mediators.", *Journal of Ethnopharmacology*, 96, 99-106. (SCI)
3. Wen-Bin Pan, Li-Mei Wei, Li-Lan Wei, Chin-Chung Wu and **Yang-Chang Wu\***, 2005, "Esterification-nitration of *Ortho*-hydroxyphenyl Carboxylic Acids and Benzoic Acids with Cerium (IV) Ammonium Nitrate (CAN)", *J. Chin. Chem. Soc.*, 52,173-180. (SCI)
4. Keh-Shaw Chen, Pei-Wen Hsieh, Tsong-Long Hwang, Fang-Rong Chang, **Yang-Chang Wu\***, 2005, "Anti-inflammatory Furanogermacrane Sesquiterpenes from *Neollitsea parvigemma*", *Nat. Prod. Res. (Nat. Prod. Lett.)*, 19, 283-286. (SCI)
5. Pei-Wen Hsieh, Fang-Rong Chang, Chin-Chuang Wu, Kuen-Yuh Wu, Chien-Ming Li, Su-Li Chen, Hsin-Fu Yen, **Yang-Chang Wu** , 2005, "Longicalycinin A, a New Cytotoxic Cyclic Peptide from *Dianthus superbis* var. *longicalycinus* (Maxim.) Will.", *Chem. Pharm. Bull.*, 53,336-338.(SCI)
6. **Yang-Chang Wu\***, Fang-Rong Chang, Chung-Yi Chen\*, 2005, "Tryptamine-Derived Amides and Alkaloids from the seeds of *Annona atemoya*.", *Journal of Natural Products*, 68, 406-408. (SCI)
7. Yu-Hsuan Lan, Fang-Rong Chang, Chih-Chuang Liaw, Chin-Chung Wu, Michael-Y Chiang and **Yang-Chang Wu** , 2005, "Digoniodiol, Deoxygoniopyrpyrane A, and Goniofupyrone A: Three New Styryllactones from *Goniothalamus amuyon*", *Planta Med.*, 71,153-159. (SCI)
8. Pei-Wen Hsieh, Tsong-Long Hwang, Chin-Chuang Wu, Fang-Rong Chang, Tsai-Wei Wang, Chung-I Wu and **Yang-Chang Wu\***, 2005, "The Evaluation of 2,8-Substituted Benzoxazinone Analogues as Anti-inflammatory and Anti-platelet Aggregation Agents" *Bio. Med. Chem. Lett.*, 15, 2786-2789. (SCI)

9. Chih-Chuang Liaw, Fang-Rong Chang, Su-Li Chen, Chin-Chung Wu, Kuo-Hsiung Lee, **Yang-Chang Wu\***, 2005, "Novel Cytotoxic Monotetrahydrofuranic Annonaceous Acetogenins from *Annona montana*" *Bio. Med. Chem.*, 13, 4767-4776. (SCI)
10. Chih-Hua Chao, Long-Fei Huang, Yi-Lea Yang, Jui-Hsin Su, Guey-Horng Wang, Michael Y. Chiang, **Yang-Chang Wu**, Chang-Feng Dai, and Jyh-Horng Sheu, 2005, "Polyoxygenated Steroids from the Gorgonian *Isis hippuris*", *J. Nat. Prod.*, 68, 880-885. (SCI)
11. Yu-Hsuan Lan, Yi-Chen Chia, Fang-Rong Chang, Chih-Chaung Liaw, Chih-Chung Wu and **Yang-Chang Wu\***, 2005, "Potential Anti-Inflammatory Activities of Bractelactone and other Compounds Isolated from *Fissistigma bracteolatum*", *Helv. Chim. Acta*, 88, 905-909. (SCI)
12. Jui-Hsin Su, Ho-Cheng Huang, Chih-Hua Chao, Liang-Yu Yan, **Yang-Chang Wu**, Chin-Chung Wu, Jyh-Horng Sheu, 2005, "Vigulariol, a New Metabolite from the Sea Pen *Vigularia Juncea*.", *Bull. Chem. Soc. Jpn*, 78, 877-879. (SCI)
13. Yao-Haur Kuo, Hui-Chi Huang, Li-Ming Yang Kuo, Ya-Wen Hsu, Kuo-Hsiung Lee, Fang-Rong Chang, and **Yang-Chang Wu\***, 2005, "New Dammarane-Type Saponins from the Galls of *Sapindus mukorossi*" *J. Agri. Food Chem.* , 53, 4722-4727. (SCI)
14. Fang-Rong Chang\*, **Yang-Chang Wu**, 2005, "New Bisbenzylisoquinolines, Fatty Acid Amidic Aporphines, and a Protoberberine from Formosan *Cocculus orbiculatus*." *J. Nat. Prod.*, 68, 1056-1060. (SCI).
15. Fang-Rong Chang\*, Ken-ichiro Hayashi, Nam-Hai Chua, Shuichi Kamio, Zih-You Huang, Hiroshi Nozaki, **Yang-Chang Wu**, 2005, "The Transgenic Arabidopsis Plant, pER8-GFP, as a Powerful Tool in Searching Natural Estrogen-agonists/antagonists.", *J. Nat. Prod.* , 68, 971-973. (SCI).
16. Hsia-Fen Hsu, Chao-Lin Chang, Chin-Chung Wu, Fang-Rong Chang and **Yang-Chang Wu\***, 2005, "Antioxidant Activity, Cytotoxicity, and DNA Information of *Glossogyne tenuifolia* " *J. Agri. Food Chem.* , 53, 6117-6125. (SCI)
17. Wen-Bin Pan, Li-Mei Wei, Li-Lan Wei, Chih-Chung Wu, Fang-Rong Chang, **Yang-Chang Wu\***, 2005, "Nitrophenol Derivatives Oxidized by Cerium (IV) ammonium Nitrate (CAN) and their Cytotoxicity.", *J. Chin. Chem. Soc.*, 52, 581-588.(SCI)
18. Cheng-Lin Lee, Chi-Fong Lin, Wan-Ru Lin, Kun-Sheng Wang, Ya-her Chang, Shinne-Ren Lin, **Yang-Chang Wu**, Ming-Jung Wu, 2005, "Design, synthesis, and biological evaluations of squamostolide and its related analogs", *Bioorg. Med. Chem.* 13, 5864-5872. (SCI)
19. Michael C. Roy, Fang-Rong Chang, Hsiao-Chu Huang, Michael Y-N. Chiang, and **Yang-Chang Wu\***, 2005, "Cytotoxic Principles from the Formosan Milkweed, *Asclepias curassavica*.", *J. Nat. Prod.* , 68, 1494-1499. (SCI)

20. Chin-Chung Wu\*, Mei-Ling Chan, Wen-Yih Chen, Fang-Rong Chang, **Yang-Chang Wu\***, 2005, "Pristimerin induces caspase-dependent apoptosis in MDA-MB-231 cells via direct effects on mitochondria", *Mol. Cancer Ther.* 4, 1277-1285. (SCI)
21. An-Shen Lin, Fang-Rong Chang, Chin-Chung Wu, Chih-Chuang Liaw, **Yang-Chang Wu\***, 2005, "New cytotoxic flavonoids from *Thelypteris torresiana*", *Planta Medica*, 71, 867-870. (SCI)
22. Yu-Liang Yang, Fang-Rong Chang, and **Yang-Chang Wu\***, 2005, "Squadinorlignoside, a Novel 7,9'-Dinorlignan Skeleton from the Stems of *Annona squamosa*", *Helv. Chim. Acta*, 88, 2731-2737. (SCI)
23. Shang-Hsin Yeh, Fang-Rong Chang, **Yang-Chang Wu**, Yu-Liang Yang, Shi-Kai Zhuo, Tsong-Long Hwang, 2005, "An Anti-inflammatory *ent*-Kaurane from the Stems of *Annona squamosa* that Inhibits Various Human Neutrophil Functions", *Planta Med.*, 71, 904-909. (SCI)
24. Ho-Cheng Huang, Chih-Hua Chao, Ju-Hsiou Liao, Michael Y. Chiang, Chang-Feng Dai, **Yang-Chang Wu**, Sheu, Jyh-Horng, 2005, "A novel chlorinated norsesquiterpenoid and two related new metabolites from the soft coral *Paralemnalia thyrsoides*", *Tetrahedron Letters*, 46, 7711-7714. (SCI)
25. Atallah F. Ahmed, Ming-Hsuan Wu, Guey-Horng Wang, **Yang-Chang Wu**, Jyh-Horng Sheu, 2005, "Eunicellin-based diterpenoids, australins A-D, isolated from the soft coral *Cladiella australis*.", *Journal of Natural Products*, 68, 1051-1055. (SCI)
26. Jui-Hsin Su, Atallah F. Ahmed, Ping-Jyun Sung, **Yang-Chang Wu**, Jyh-Horng Sheu, 2005, "Meroditerpenoids from a Formosan soft coral *Nephthea chabrolii*", *Journal of Natural Products*, 68, 1651-1655. (SCI)
27. Chin-Chung Wu, Tsai-Wei Wang, Wei-Ya Wang, Pei-Wen Hsieh, **Yang-Chang Wu\***, 2005, "2-(2-Br-phenyl)-8-methoxy-benzoxazinone (HPW-RX2), a direct thrombin inhibitor with a suppressive effect on thromboxane formation in platelets", *European journal of pharmacology*, 527, 37-43. (SCI)
28. Wen-Ying Chen, Chin-Chung Wu\*, Yu-Hsuan Lana, Fang-Rong Chang, Che-Ming Teng, **Yang-Chang Wu\***, 2005, "Goniothalamine induces cell cycle-specific apoptosis by modulating the redox status in MDA-MB-231 cells" *Eur. J. Pharmacol.*, 522, 20-29. (SCI)
29. Lo YC, Lin YL, Yu KL, Lai YH, **Yang-Chang Wu**, Ann LM, Chen IJ\*, 2005, "San-Huang-Xie-Xin-Tang attenuates inflammatory responses in lipopolysaccharide-exposed rat lungs.", *Journal of Ethnopharmacology*, 101, 68-74. (SCI)
30. Yung-Husan Chen, Fang-Rong Chang, Chin-Chung Wu, Ming-Hon Yen, Chih-Chuang Liaw, Hui-Chi Huang, Shu-Li Chen, **Yang-Chang Wu\***, 2006, "New cytotoxic 6-oxygenated 8,9-dihydrofurocoumarins, hedyotiscone A-C, from *Hedyotis biflora*" *Planta Medica*, 72, 75-78. (SCI)

31. Fang-Rong Chang, I-Hsiao Chen, Sin-Chung Liao, Hamad H. Issa, Ken-ichiro Hayashi, Hiroshi Nozaki, **Yang-Chang Wu** and Kuo-Hsiung Lee\*, 2006, "Three new Agarofuran Sesquiterpenes reissantins F-H from *Reissantia buchananii*" *Planta Medica*, 72, 92-96. (SCI)
32. Shyng-Shiou F. Yuan, Hsueh-Ling Chang, Hsiao-Wen Chen, Fu-Chen Kuo, Chih-Chuang Liaw, Jinu-Huang Su, **Yang-Chang Wu\***, 2006, "Selective cytotoxicity of squamocin on T24 bladder cancer cells at the S-phase via a Bax-, Bad-, and caspase-3-related pathways", *Life Sci.*, 78, 869-874. (SCI)
33. Mei-Chin Lu, Sheng-Huei Yang, Shiuh-Lin Hwang, Yu-Jhang Lu, Yi-Hsiung Lin, Sen-Ren Wang, **Yang-Chang Wu\***, Shinne-Ren Lin\*, 2006, "Induction of G2/M phase arrest by squamocin in chronic myeloid leukemia (K562) cells", *Life Sci.*, 78, 2378-2383. (SCI)
34. Chih-Hua Chao, Chi-Hua Hsieh, Shin-Pin Chen, Chung-Kuang Lu, Chang-Feng Dai, **Yang-Chang Wu**, Jyh-Horng Sheu, 2006, "Novel cyclic sesquiterpene peroxides from the Formosan soft coral *Sinularia sp.*", *Tetrahedron Letters*, 47, 2175-2178. (SCI)
35. Hui-Chi Huang, Wei-Jern Tsai, Susan L. Morris-Natschke, Harukuni Tokuda, Kuo-Hsiung Lee, **Yang-Chang Wu\***, and Yao-Haur Kuo\*, 2006, "Sapinmusaponins F-J, Bioactive Yirucallane-Type Saponins from the Galls of *Sapindus mukorossi*", *J. Nat. Prod.*, 69, 763-767. (SCI).
36. Yu-Hsuan Lan, Fang-Rong Chang, Yu-Liang Yang, and **Yang-Chang Wu\***, 2006, "New Constituents from Stems of *Goniothalamus amuyon*", *Chem. Pharm. Bull.*, 54, 1040-1043. (SCI)
37. Atallah F. Ahmed., Ming-Hsuan Wu, **Yang-Chang Wu**, Chang-Feng Dai, and Jyh-Horng Sheu, 2006, "Metabolites with Cytotoxic Activity from the Formosan Soft coral *Cladiella australis*.", *J. Chin. Chem. Soc.*, 53, 489-494. (SCI)
38. Wen-Bin Pan, Li-Mei Wei, Li-Lan Wei, and **Yang-Chang Wu\***, 2006, "Chemical Constituents of *Tupistra chinensis* Rhizomes.", *Chem. Pharm. Bull.*, 54, 954-958. (SCI)
39. Ping-Jyun Sung, Yu-Pei Chen, Tsong-Long Hwang, Wan-Ping Hu, Lee-Shing fang, **Yang-Chang Wu**, Jan-Jung Li and Jyh-Horng Sheu, 2006, "Briaexcavatins C-F, four new briarane-related diterpenoids from the Formosan octocoral *Briareum excavatum* (Briareidae).", *Tetrahedron*, 62, 5686-5691. (SCI)
40. Hsueh-Ling Chang, Hseng-Kuang Hsu, Jinu-Huang Su, Pei-Hui Wang, Yueh-Fang Chung, Yi-Chen Chia, Li-Yu Tsai, **Yang-Chang Wu**, Shyng-Shiou F. Yuan, 2006, "The fraction *Toona sinensis* leaf extract induces apoptosis of human ovarian cancer cells and inhibits tumor growth in a murine xenograft model", *Gynecol. Oncol.*, 102, 309-314. (SCI)
41. Hsu JH, **Yang-Chang Wu**, Liu IM, Cheng JT, 2006 "Release of acetylcholine to raise insulin secretion in Wistar rats by oleanolic acid, one of the active principles contained in *Cornus officinalis*", *Neuroscience Letters*, 404, 112-116. (SCI)

42. Jui-Hsin Su, Tseng YJ, Tsong-Long Hwang, Atallah F. Ahmed, Lu CK, **Yang-Chang Wu**, Jyh-Horng Sheu, 2006, "9,11-Secosterols from the soft corals *Sinularia lochmodes* and *Sinularia leptoclados*", *J. Nat. Prod.*, 69, 850-852. (SCI)
43. AF Ahmed, YT Hsieh, ZH Wen, **Yang-Chang Wu**, JH Sheu, 2006, "Polyoxygenated sterols from the formosan soft coral *Sinularia gibberosa*.", *J. Nat. Prod.*, 69, 1275-1279 (SCI)
44. Wei-Ying Wang, **Yang-Chang Wu**, Chin-Chuang Wu\*, 2006, "Prevention of platelet glycoprotein IIb/IIIa activation by 3,4-methylenedioxy-beta-nitrostyrene, a novel tyrosine kinase inhibitor.", *Molecular Pharmacology*, 70, 1380-1389 (SCI)
45. Yi-Chen Chia, Fang-Rong Chang, Chin-Chuang Wu, Che-Ming Teng, Keh-Shaw Chen,\* and **Yang-Chang Wu\***, 2006, "Effect of Isoquinoline Alkaloids of Different Structural Types on Antiplatelet Aggregation *in Vitro*", *Planta Medica*, 72, 1238-1241 (SCI)
46. Fang-Rong Chang, Tsong-Long Hwang, Yu-Liang Yang, Chia-En Li, Chin-Chung Wu, Hamad H. Issa, Wen-Bin Hsieh, **Yang-Chang Wu\***, 2006, "Antiinflammatory and Cytotoxic Diterpenes from Formosan *Polyalthia longifolia* var. *pendula*", *Planta Medica.*, 72, 1344-1347 (SCI)
47. Yaw-Bin Huang, Pao-Chu Wu, Chia-Shin Su, **Yang-Chang Wu**, Yi-Hung Tsai\*, 2006, "Simultaneous quantification of twelve bioactive components in San-Huang-Xie-Xin-Tang by HPLC", *Phytochem Analysis.*, 17(6), 439-446. (SCI)
48. I-Hsiao Chen, Fang-Rong Chang, Chin-Chung Wu, Shu-Li Chen, Pei-Wen Hsieh, Hsin-Fu Yen, Ying-Chi Du, and **Yang-Chang Wu\***, 2006, "Cytotoxic Triterpenoids from the Leaves of *Microtropis fokienensis*" *J. Nat. Prod.*, 69, 1543-1546. (SCI)
49. Hamad Hassan Issa, Sue-Ming Chang, Yu-Liang Yang, Fang-Rong Chang, **Yang-Chang Wu\***, 2006, "New sesquiterpene lactones from the aerial parts of *Pseudoelephantopus spicatus*", *Chem. Pharm. Bull.*, 54, 1599-1601. (SCI)
50. Shin-Pin Chen, Chih-Hua Chao, Ho-Cheng Huang, **Yang-Chang Wu**, Chung-Kuang Lu, Chang-Feng Dai, Jyh-Horng Sheu, 2006, "New beta-caryophyllene-derived terpenoids from the formosan soft coral *Sinularia gibberosa*", *Bull. Chem. Soci. Japan*, 79, 1547-1551. (SCI)
51. Ho-Cheng Huang, Atallah F. Ahmed, Jui-Hsin Su, Chih-Hua Chao, **Yang-Chang Wu**, Michael Y. Chiang, Sheu, Jyh-Horng, 2006, "Crassocolides A-F, cembranoids with a trans-fused lactone from the soft coral Sarcophyton *crassocaule*", *J. Nat. Prod.*, 69, 1554-1559. (SCI)
52. Pei-Wen Hsieh, Tsong-Long Hwang, Chin-Chung Wu, Shin-Zan Chiang, Chung-I Wu, and **Yang-Chang Wu\***, 2007, "The Evaluation and Structure Activities Relationships of 2-Benzoylamino-Benzoic Esters and Their Analogues as Anti-inflammatory and Anti-platelet Aggregation Agents" *Bio. Med. Chem. Lett.*, 17, 1812-1817. (SCI)
53. An-Shen Lin, Fang-Rong Chang, Hsin-Fu Yen, HannaMaria Björkeborn,

- Yang-Chang Wu\***, 2007, "Novel Flavonoids of *Thelypteris torresiana*", *Chem. Pharm. Bull.*, 55, 635-637. (SCI)
54. Jui-Hsin Su, Chang-Feng Dai, Hsin-Hui Huang, **Yang-Chang Wu**, Ping-Jyun Sung, Chi-Hsin Hsu, and Jyh-Horng Sheu\*, 2007, "Terpenoid-Related Metabolites from a Formosan Soft Coral *Nephthea chabrolii*", *Chem. Pharm. Bull.*, 55, 594-597. (SCI)
  55. Jui-Hsin Su, Fang-Yee Lin, Ho-Cheng Huang, Chang-Feng Dai, **Yang-Chang Wu**, Wan-Ping Hu, Chi-Hsin Hsu, and Jyh-Horng Sheu\*, 2007, "Novel Steroids from the Soft Coral *Nephthea chabrolii*", *Tetrahedron*, 63, 703-707. (SCI)
  56. Ping-Jyun Sung\*, Mei-Ru Lin, Jih-Jung Chen, Shen-Fan Lin, **Yang-Chang Wu**, Tsong-Long Hwang, and Lee-Shing Fang, 2007, "Hydroperoxysterols from the Tunicate *Eudistoma* sp.", *Chem. Pharm. Bull.*, 55, 666-668. (SCI)
  57. Pei-Wen Hsieh, Zih-You Huang, Jyun-Hong Chen, Fang-Rong Chang,\* Ching-Chung Wu, Yu-Liang Yang, Michael Y. Chiang, Ming-Hon Yen, Shu-Li Chen, Hsin-Fu Yen, Tilo Lübken, Wen-Chun Hung, and **Yang-Chang Wu\***, 2007, "Cytotoxic Withanolides from *Tubocapsicum anomalum*" *J. Nat. Prod.*, 70, 747-753. (SCI)
  58. Hui-Chiu Chang, Fang-Rong Chang, Yu-Chiu Wu, Mei-Ren Pan, Wen-Chun Hung, and **Yang-Chang Wu\***, 2007, "A Bioactive Withanolide Tubocapsanolide A inhibits proliferation of human lung cancer cells via repressing Skp2 expression." *Mol. Cancer Ther.*, 6, 1572-1578. (SCI)
  59. Mohamed H. Abd El-Razek, **Yang-Chang Wu\***, and Fang-Rong Chang\*, 2007, "Sesquiterpene Coumarins from *Ferula foetida*", *J. Chin. Chem. Soc.*, 54, 235-238. (SCI)
  60. Yung-Husan Chen, Fang-Rong Chang, Yih-Jer Lin, Lisu Wang, Jinn-Fen Chen, **Yang-Chang Wu\***, Ming-Jiuan Wu\*, 2007, "Identification of Phenolic Antioxidants from Sword Brake Fern (*Pteris ensiformis* Burn.)" *Food Chem.*, 105, 48-56. (SCI).
  61. An-Shen Lin, Kyoko Nakagawa-Goto, Fang-Rong Chang, Donglei Yu, Susan L. Morris-Natschke, Chin-Chung Wu, Shu-Li Chen, **Yang-Chang Wu\***, Kuo-Hsiung Lee\*, 2007, "First Total Synthesis of Protoapigenone and its Analogs as Potent Cytotoxic Agents" *J. Med. Chem.*, 50, 3921-3927 (SCI)
  62. Wei-Ya Wang, Pei-Wen Hsieh, **Yang-Chang Wu\***, Chin-Chung Wu, 2007, "Synthesis and pharmacological evaluation of novel  $\beta$ -nitrostyrene derivatives as tyrosine kinase inhibitors with potent antiplatelet activity. , *Biochemical Pharmacology*. 74, 601-611 (SCI)
  63. Ahmed AF, Shu-Hui Tai, **Yang-Chang Wu**, Jyh-Horng Sheu, 2007, "Sinugrandisterols A-D, trihydroxysteroids from the soft coral *Sinularia gyandilobata*.", *Steroids*, 72 , 368-374 (SCI)
  64. Chin-Chung Wu, Chung-I Wu, Wei-Ya Wang, **Yang-Chang Wu\***, 2007, "Low concentrations of resveratrol potentiate the antiplatelet effect of prostaglandins.",

*Planta Medica*, 73, 439-443. (SCI)

65. Hui-Chi Hung, Wei-Jern Tsai, Chia-Ching Liaw, Shih-Hsiung Wu, **Yang-Chang Wu**,\* Yao-Haur Kuo,\* 2007, “Antiplatelet Aggregation Triterpene Saponins from the Galls of *Saphindus mukorssi*.”, *Chem. Pharm. Bull.*, 55, 1412-1415. (SCI)
66. Yu-Hsuan Lan, Hsin-Yu Wang, Chin-Chung Wu, Shu-Li Chen, Chao-Lin Chang, Fang-Rong Chang\*, and **Yang-Chang Wu**\*, 2007, “New Constituents from Stems of *Artabotrys uncinatus*.”, *Chem. Pharm. Bull.*, 55, 1597-1599. (SCI)
67. Chih-Hua Chao, Ho-Cheng Huang, **Yang-Chang Wu**, Chung-Kuang Lu, Chang-Feng Dai, and Jyh-Horng Sheu\*, 2007, “Glycolipids from the Formosan Soft Coral *Lobophytum crassum*.”, *Chem. Pharm. Bull.*, 55, 1720-1723. (SCI)
68. Jen-Hao Hsu, **Yang-Chang Wu**, I-Min Liu, and Juei-Tang Cheng,\* 2007, “Dioscorea as the Principal Herb of Die-Huang-Wan, a Widely Used Herbal Mixture in China, for Improvement of Insulin Resistance in Fructose-rich Chow-fed Rats.”, *J. Ethnopharmacol.*, 112, 577-584. (SCI)
69. Ping-Jyun Sung, Michael Y. Chiang, Wei-Tse Tsai, Jui-Hsin Su, Yu-Mine Su and **Yang-Chang Wu**, 2007, “ Chlorinated briarane-type diterpenoids from the gorgonian coral *Ellisella robusta* (Ellisellidae).”, *Tetrahedron*, 63, 12860-12865. (SCI)
70. Shin-Pin Chen, Jui-Hsin Su, Atallah Fouad Ahmed, Chang-Fang Dai, **Yang-Chang Wu** and Jyh-Horng Sheu, 2007, “Xeniaphyllane-Derived Terpenoids from the Formosan Soft Coral *Sinularia gibberosa*.”, *Chem. Pharm. Bull.*, 55, 1471-1475. (SCI)
71. Yu-Liang Yang, Sue-Ming Chang, Chin-Chung Wu, Pei-Wen Hsieh, Shu-Li Chen, Fang-Rong Chang\*, Wen-Chen Hung, Hamad H. Issa, and **Yang-Chang Wu**\*, 2007, “Cytotoxic Sesquiterpene Lactones from *Pseudoelephantopus spicatus*.”, *J. Nat. Prod.*, 70, 1761-1765. (SCI)
72. Yu-Liang Yang, Chun-Ping Lu, Mao-Yen Chen, Kuei-Yu Chen, **Yang-Chang Wu**, and Shih-Hsiung Wu,\* 2007, “Cytotoxic Polyketides Containing Tetramic Acid Moieties Isolated from the Fungus *Myceliophthora Thermophila*: Elucidation of the Relationship between Cytotoxicity and Stereoconfiguration.”, *Chem. Eur. J.*, 13, 6985-6991. (SCI)
73. Chia-Lin Lee, Fang-Rong Chang, Pei-Wen Hsieh, Michael-Y Chiang, Chin-Chung Wu, Zih-You Huang, Yu-Hsuan Lan, Mei Chen, Kuo-Hsiung Lee, Hsin-Fu Yen, Wen-Chun Hung, **Yang-Chang Wu**\*, 2008, “ Cytotoxic *ent*-abietane diterpenes from *Gelonium aequoreum* ”, *Phytochemistry*, 69, 276-287. (SCI)
74. Yung-Husan Chen, Fang-Rong Chang, Yih-Jer Lin, Lisu Wang, Jinn-Fen Chen, **Yang-Chang Wu**\*, Ming-Jiuan Wu\*, 2008, “Identification of Antioxidants from Rhizome of *Davallia solida*” , *Food Chem.* 107, 684-691. (SCI)
75. Yu-Liang Yang, Kuo-Feng Hua, Pei-Hsuan Chuang, Shih-Hsiung Wu, Kuen-Yuh Wu, Fang-Rong Chang, **Yang-Chang Wu**\*, 2008, “New cyclic peptides from the seeds of *Annona squamosa* L. and their anti-inflammatory activities ”, *J. Agric.*



*Food Chem.*, 56, 386-392. (SCI)

76. Yi-Chen Chia, Fang-Rong Chang, Chin-Chuang Wu, Michael Y.-N. Chiang, Yu-Hsuan Lan, Keh-Shaw Chen,\* and **Yang-Chang Wu\***, 2008, "Two Anti-platelet Aggregation Coumarins from the Leaves of *Murraya omphalocarpa*", *Molecules*, 13, 122-128. (SCI)
77. Yung-Husan Chen, Fang-Rong Chang, Mei-Chin Lu, Pei-Wen Hsieh, Ming-Jiuan Wu, Ying-Chi Du and **Yang-Chang Wu\***, 2008, "New Benzoyl Glucosides and Cytotoxic Pterosin Sesquiterpenes from *Pteris ensiformis* Burm", *Molecules*, 13, 255-266. (SCI)
78. Pei-Wen Hsieh\*, Shin-Zan Chiang, Chin-Chung Wu, Yi-Ching Lo, Yu-Tzu Shih, **Yang-Chang Wu\***, 2008, "Synthesis and Anti-platelet Evaluation of 2-Benzoylaminobenzoate Analogs", *Bioorg. Med. Chem.*, 16, 5803-5814. (SCI)
79. Atallah F. Ahmed, Zhi-Hong Wen, Jui-Hsin Su, Ya-Ting Hsieh, **Yang-Chang Wu**, Wan-Ping Hu and Jyh-Horng Sheu, 2008, "Oxygenated Cembranoids from a Formosan Soft Coral *Sinularia gibberosa*", *J. Nat. Prod.*, 71, 179-185 (SCI).
80. Chih-Chuang Liaw, Yu-Liang Yang, Mei Chen, Fang-Rong Chang,\* Shu-Li Chen, and **Yang-Chang Wu**, \* 2008, "Mono-Tetrahydrofuran Annonaceous Acetogenins from *Annona squamosa* as Cytotoxic Agents and Calcium Ion Chelators", *J. Nat. Prod.*, 71, 764-771. (SCI)
81. Wen-Ying Chen, Fang-Rong Chang, Zih-You Huang, Jyun-Hong Chen, **Yang-Chang Wu\***, Chin-Chung Wu\*, 2008, "Tubocapsenolide A, A Novel Withanolide, Inhibits Proliferation and Induces Apoptosis in MDA-MB-231 cells by Thiol Oxidation of Heat Shock Proteins", *J. Biol. Chem.*, 25, 17184-17193. (SCI)
82. Atallah F. Ahmed, Shu-Hui Tai, Zhi-Hong Wen, Jui-Hsin Su, **Yang-Chang Wu**, Wan-Ping Hu, and Jyh-Horng Sheu, 2008, "A C-3 Methylated Isocembranoid and 10-Oxocembranoids from a Formosan Soft Coral, *Sinularia grandilobata*", *J. Nat. Prod.*, 71 (6), 946-951.(SCI)
83. Hsueh-Ling Chang, Jiu-Huang Su, Yao-Tsung Yeh, Yi-Chen Lee, Huey-May Chen, **Yang-Chang Wu** and Shyng-Shiou F. Yuan\*, 2008, Protoapigenone, a novel flavonoid, inhibits ovarian cancer cell growth *in vitro* and *in vivo*, *Cancer Lett.*, 267: 85-95.(SCI)
84. Han-Lin Chang, Fang-Rong Chang, Jin-Shan Chen, Hui-Po Wang, Yi-Hsiu Wu, Chien-Chiao Wang, **Yang-Chang Wu\*** and Tsong-Long Hwang\*, 2008, "Inhibitory effects of 16-hydroxycyclohexa-3,13(14)E-dien-15-oic acid on superoxide anion and elastase release in human neutrophils through multiple mechanisms", *Eur J Pharmacol.*, 586:332-339.(SCI)
85. Hsueh-Ling Chang, **Yang-Chang Wu\***, Jiu-Huang Su, Yao-Tsung Yeh, and Shyng-Shiou F, 2008, "Protoapigenone, a novel flavonoid, induces apoptosis in human prostate cancer cells through activation of p38 mitogen-activated protein kinase and c-Jun NH2-terminal kinase 1/2.", *J Pharmacol Exp Ther.*, 325:841-9.

(SCI)

86. Hui-Chi Huang, Ming-Der Wu, Wei-Jern Tsai, Sin-Chung Liao, Chia-Ching Liaw, Li-Chuan Hsu, **Yang-Chang Wu\*** and Yao-Haur Kuo, 2008, "Triterpenoid saponins from the fruits and galls of *Sapindus mukorossi*", *Phytochemistry*, 69:1609-16. (SCI)
87. Shou-Fang Wu, Pei-Wen Hsieh, Chin-Chung Wu, Chia-Lin Lee, Shu-Li Chen, Chi-Yu Lu, Tian-Shung Wu, Fang-Rong Chang\*, **Yang-Chang Wu\***, 2008, "Camptothecinoids from the seeds of Taiwanese *Nothapodytes foetida*" *Molecules*, 13, 1361-1371. (SCI)
88. Chia-Lin Lee, Kyoko Nakagawa-Goto, Donglei Yu, Yi-Nan Liu, Kenneth F. Bastow, Susan L. Morris-Natschke, Fang-Rong Chang, **Yang-Chang Wu\*** and Kuo-Hsiung Lee\*, 2008, "Cytotoxic calanquinone A from *Calanthe arisanensis* and its first total synthesis", *Bioorg Med Chem Lett.*, 18, 4275-7277. (SCI)
89. Yu-Li Chen, Yu-Hsuan Lan, Pei-Wen Hsieh, Chin-Chung Wu, Shu-Li Chen, Chiao-Ting Yen, Fang-Rong Chang, \* Wen-Chun Hung, and **Yang-Chang Wu\***, 2008, "Bioactive Cembrane Diterpenoids of *Anisomeles indica*" *J. Nat. Prod.*, 71, 1207-1212. (SCI)
90. Ming-Jung Wu,\* Chiao-Pei Chen, **Yang-Chang Wu**, and Cheng-Lin Lee, 2008, "Synthesis of (4*R*,15*R*,16*R*,21*S*)-Rollicosin and Its 4*S* Epimer.", *Eur. J. Org. Chem.*, 854-861. (SCI)
91. Hsiao Chen, Ying-Chi Du, Mei-Chin Lu, Pei-Wen Hsieh, Chin-Chung Wu, Shu-Li Chen, Hsin-Fu Yen, Fang-Rong Chang\*, and **Yang-Chang Wu\***, 2008, "New Lupane-type Triterpenoids from *Microtropis fokienensis* and *Perrottetia arisanensis* and Apoptotic Effect of 28-hydroxy-3-oxo-lup-20(29)-en-30-al", *J. Nat. Prod.*, 71, 1352-1357. (SCI)
92. Chia-Lin Lee, Po-Ching Huang, Pei-Wen Hsieh, Tsong-Long Hwang, Chih-Chuang Liaw, Fang-Rong Chang\*, and **Yang-Chang Wu\***, 2008, "Chemical Constituents from *Xanthium strumarium* and (8*S*)-(-)-Xanthienopyran, a New Inhibitor of fMLP/CB induced Superoxide Anion Generation by Neutrophils" *Planta Med.*, 1276-1279. (SCI)
93. Pei-Hsuan Chuang, Pei-Wen Hsieh, Yu-Liang Yang, Kuo-Feng Hua, Fang-Rong Chang, Jentaie Shiea, Shih-Hsiung Wu, **Yang-Chang Wu\***, 2008, "cyclopeptides with anti-inflammatory activities from the seeds of *Annona montana*." *J. Nat. Prod.*, 71, 1365-1370. (SCI)
94. Ko Yu Liu, **Yang-Chang Wu**, I-Min Liu, Wen Chen Yu, and Juei-Tang Cheng, 2008, Release of acetylcholine by syringin, an active principle of *Eleutherococcus senticosus*, to raise insulin secretion in Wistar rat *Neurosci Lett.*, 434, 195-199. (SCI)
95. Chih-Hua Chao, Zhi-Hong Wen, **Yang-Chang Wu**, Hsiao-Chien Yeh, and Jyh-Horng Sheu\* 2008, Cytotoxic and Anti-inflammatory Cembranoids from the Soft Coral *Lobophytum crassum*. *J. Nat. Prod.*, 71, 1819-1824. (SCI)

96. Hsia-Fen Hsu, Jer-Yiing Houng, Chih-Feng Kuo, Nina Tsaod, and **Yang-Chang Wu\***, 2008, Glossogin, a novel phenylpropanoid from *Glossogyne tenuifolia*, induced apoptosis in A549 lung cancer cells. *Food Chem Toxicol.* 46, 3785-3791. (SCI)
97. Chung-Jen Chen, Martin Michaelis, Hseng-Kuang Hsu, Chin-Chuan Tsai, Kunder D. Yang, **Yang-Chang Wu**, Jindrich Cinatl Jr, and Hans Wilhelm Doerr\*, 2008, *Toona sinensis* Roem tender leaf extract inhibits SARS coronavirus replication. *J Ethnopharmacol.* 120, 108-111. (SCI)
98. Henry W.-C. Leung, M.-J. Hour, W.-T. Chang, Y.-C. Wu, M.-Y. Lai, M.-Y. Wang and H.-Z. Lee\* 2008, "P38-associated pathway involvement in apoptosis induced by photodynamic therapy with *Lonicera japonica* in human lung squamous carcinoma CH27 cells", *Food and Chemical Toxicology*,46, 3389-3400. (SCI)
99. Mei-Chin Lu, Shiuh-Lin Hwang, Fang-Rong Chang, Yung-Husan Chen, Chih-Sheng Hung, Chun-Li Wang, Yao-Hsiung Chu, Shu-Jua Pan and **Yang-Chang Wu\***, 2009, "Immunostimulatory effect of *Antrodia cinnamomea* extract on functional maturation of dendritic cells.", *Food. Chemistry.* 113, 1049–1057. (SCI)
100. Mei-Chin Lu, Ying-Chi Du, Jiunn-Jye Chuu, Shiuh-Lin Hwang, Pao-Chuan Hsieh, Fang-Rong Chang\* and **Yang-Chang Wu\***, 2009, "Active extracts of wild fruiting bodies of *Antrodia camphorate* (EEAC)-induce leukemia HL60 cells apoptosis partially through histone hypoacetylation and synergistically promote anticancer effect of trichostatin A." , *Arch of Toxicol.* 83, 121-129. (SCI)
101. Chia-Lin Lee, Fang-Rong Chang, Ming-Hon Yen, Donglei Yu, Yi-Nan Liu, Kenneth F. Bastow, Susan L. Morris-Natschke, **Yang-Chang Wu\*** and Kuo-Hsiung Lee\*, 2009, "Cytotoxic phenanthrenequinones and 9,10-dihydrophenanthrenes from *Calanthe arisanensis*", *J. Nat. Prod.* 72, 210-213. (SCI)
102. Chiao-Ting Yen, Pei-Wen Hsieh, Tsong-Long Hwang, Yu-Hsuan Lan, Fang-Rong Chang and **Yang-Chang Wu\***, 2009, "Flavonol glycosides from *Muehlenbeckia platyclada* and their anti-inflammatory activity" *Chem. Pharm. Bull.* 57, 280-282. (SCI)
103. Tsong-Long Hwang\*, Guo-Long Li, Yu-Hsuan Lan, Yi-Chen Chia, Pei-Wen Hsieh, Yi-Hsiu Wu, **Yang-Chang Wu**, 2009, "Potent inhibition of superoxide anion production in activated human neutrophils by isopedicin, a bioactive component of the Chinese medicinal herb *Fissistigma oldhamii*" *Free Radic. Biol. Med.* 46, 520-528. (SCI)
104. Shin-Pin Chen, Jui-Hsin Su, Hsiao-Chien Yeh, Atallah Fouad Ahmed, Chang-Feng Dai, **Yang-Chang Wu**, and Jyh-Horng Sheu\*, 2009, "Novel norhumulene and xeniaphyllane-derived terpenoids from a formosan soft coral *Sinularia gibberosa*" *Chem. Pharm. Bull.* 57, 162-166. (SCI)
105. Mei-Ren Pan, Hui-Chiu Chang, **Yang-Chang Wu**, Chao-Cheng Huang, and Wen-Chun Hung\*, 2009, "Tubocapsanolide A inhibits transforming growth factor-beta-activating kinase 1 to suppress NF-kappaB-induced CCR7" *J. Biol. Chem.* 284, 2746-2754. (SCI)

106. Shang-Kwei Wang, Chang-Yih Duh, **Yang-Chang Wu**, Yu Wang, Ming-Chu Cheng, Keryae Soong and Lee-Shing Fang. 2009, Cytotoxic Cembranoids from the Soft Coral *Lobophytum michaelae*. *J. Nat. Prod.*, 72, 324. (SCI)
107. Chiao-Ting Yen, Tsong-Long Hwang, **Yang-Chang Wu\***, and Pei-Wen Hsieh\*. 2009, Design and synthesis of new N-(fluorenyl-9-methoxycarbonyl) (Fmoc)-dipeptides as anti-inflammatory agents. *Eur. J. Med. Chem.*, 44, 933-1940. (SCI)
108. An-Shen Lin, Chia-Rong Lin, Ying-Chi Du, Tilo Lübken, Michael Y. Chiang, I-Hsiao Chen, Chin-Chung Wu, Tsong-Long Hwang, Shu-Li Chen, Ming-Hong Yen, Fang-Rong Chang, **Yang-Chang Wu\***, 2009, Acasiane A and B and Farnesirane A and B, Diterpene Derivatives from the Roots of *Acacia farnesiana*. *Planta Med.*, 75,256-61 (SCI)
109. Yu-Yi Hou, Mu-Ling Wu, Yu-Chun Hwang, Fang-Rong Chang, **Yang-Chang Wu\***, and Chin-Chung Wu\*, 2009, The natural diterpenoid ovatodiolide induces cell cycle arrest and apoptosis in human oral squamous cell carcinoma Ca9-22 cells. *Life Sci.*, 85,26-32 (SCI)
110. I-Hsiao Chen, Mei-Chin Lu, Ying-Chi Du, Ming-Hong Yen, Chin-Chung Wu, Yung-Husan Chen, Chih-Sheng Hung, Shu-Li Chen, Fang-Rong Chang\* and **Yang-Chang Wu\***, 2009, Cytotoxic Triterpenoids from the Stems of *Microtropis japonica*. *J. Nat. Prod.* 72,1231-1236. (SCI)
111. Huei-Mei Chen, **Yang-Chang Wu**, Yi-Chen Chia, Fang-Rong Chang, Hseng-Kuang Hsu, Ya-Ching Hsieh, Chih-Chen Chen, and Shyng-Shiou Yuan, 2009, Gallic acid, a major component of *Toona sinensis* leaf extracts, contains a ROS-mediated anti-cancer activity in human prostate cancer cells. *Cancer Lett.* 286,161-71. (SCI)
112. Ying-Chi Du, An-Shen Lin, Chin-Chung Wu, Pei-Wen Hsieh, Yung-Husan Chen, I-Hsiao Chen, Shu-Li Chen, Hsin-Fu Yen, Tilo Lübken, Fang-Rong Chang, **Yang-Chang Wu\***, 2009, "New Cytotoxic Lupane Triterpenes from *Perrottetia arisanensis*." , *Planta Med.*, 75,848-855. (SCI)
113. Chien-Chih Chiu, Hsueh-Wei Chang, Da-Wei Chuang, Fang-Rong Chang, Yu-Ching Chang, Yu-Shan Cheng, Ming-Tz Tsai, Wan-Yu Chen, Su-Shuo Lee, Chih-Kuang Wang, Jeff Yi-Fu Chen, Hui-Min Wang, Chao-Chieh Chen, Yin-Chang Liu,\* **Yang-Chang Wu,\*** 2009, "Fern plant-derived protoapigenone leads to DNA damage, apoptosis and G2/M arrest in lung cancer cell line H1299", *DNA and Cell Biology*, 28,501-506. (SCI)
114. Yu-Hsuan Lan, Fang-Rong Chang,\* Mei-Jung Pan, Chin-Chung Wu, Sue-Jing Wu, Su-Li Chen, Shyh-Shyan Wang, Ming-Jung Wu, **Yang-Chang Wu,\*** 2009, "New Cytotoxic Withanolides from *Physalis peruviana*" , *Food Chemistry*, 116, 462-469. (SCI)
115. Chia-Lin Lee, Lien-Chai Chiang, Li-Hung Cheng, Chih-Chuang Liaw, Mohamed H. Abd El-Razek, Fang-Rong Chang,\* and **Yang-Chang Wu\*** 2009, "Anti-influenza A Viral (H<sub>1</sub>N<sub>1</sub>) and Cytotoxic Agents from *Ferula assafoetida*" , *J. Nat. Prod.*, 72, 1568-1572.(SCI)
116. Shih-Chung Wang, Mei-Chin Lu, Hsiu-Lin Chen, Hsing-I Tseng, Yu-Yuan Ke,

- Yang-Chang Wu\***, and Pei-Yu Yang. 2009, "Cytotoxicity of calotropin is through caspase activation and downregulation of anti-apoptotic proteins in K562 cells" *Cell Biol Int.*,33, 1230-1236. (SCI)
117. Ping-Jyun Sung,\* Bo-Yuan Chen, Mei-Ru Lin, Tsong-Long Hwang, Wei-Hsien Wang, Jyh-Horng Sheu, and **Yang-Chang Wu\***. 2009, "Excavatoids E and F: Discovery of Two New Briaranes from the Cultured Octocoral Briareum excavatum" *Mar Drugs.*, 23, 7, 472-482. (SCI)
118. Hsia-Fen Hsu, **Yang-Chang Wu**, Lei-Chin Chen, Jer-Yiing Houng\*, 2009, "Induction of apoptosis of A549 lung cancer cell line by dehydrocostus lactone isolated from *Glossogyne tenuifolia*.", *Journal of Food and Drug Analysis*, 17,107-115. (SCI)
119. Pei-Wen Hsieh, Li-Chi Hsu, Chern-Hsiung Lai, Chin-Chung Wu, Tsong-Long Hwang, Yin-Ku Lin, and **Yang-Chang Wu**. 2009, "Evaluation of the bioactivities of extracts of endophytes isolated from Taiwanese herbal plants" *World J Microbiol Biotechnol*, 25, 1461-1469. (SCI)
120. Bo-Wei Chen, **Yang-Chang Wu**, Michael Y. Chiang, Jui-Hsin Su, Wei-Hsien Wang, Tung-Yung Fan and Jyh-Horng She\*. 2009, "Eunicellin-based diterpenoids from the cultured soft coral *Klyxum simplex*" *Tetrahedron* 65, 7016-7022. (SCI)
121. Chao-Lin Chang, Guei-Jane Wang , Li-Jie Zhang, Wen-Jen Tsai, Ru-Yin Chen, **Yang-Chang Wu\***, Yao-Haur Kuo, 2010, "Cardiovascular protective flavonolignans and flavonoids from *Calamus quiquesetinervius*", *Phytochemistry*,71,271-279. (SCI)
122. Chao-Lin Chang, Li-Jie Zhang, Ru-Yin Chen, Chin-Chung Wu, Hui-Chi Huang, Michael C. Roy, Jhih-Ping Huang, **Yang-Chang Wu\***, Yao-Haur Kuo\*, 2010," Quiquelignan A–H, eight new lignoids from the rattan palm *Calamus quiquesetinervius* and their antiradical, anti-inflammatory and antiplatelet aggregation activities", *Bioorganic & Medicinal Chemistry*, 18, 518–525. (SCI)
123. Pei-Yu Yang, Ming-Feng Chen, Chi-Hong Tsai, Dan-Ning Hu, Fang-Rong Chang, **Yang-Chang Wu\***, 2010, "Involvement of caspase and MAPK activities in norcantharidin-induced colorectal cancer cell apoptosis", *Toxicology in Vitro*, 24, 766–775. (SCI)
124. Tai-Hung Chen, Yu-Hao Huang, Jhih-Jhang Lin, Bing-Chung Liao, Sheng-Yang Wang, **Yang-Chang Wu**, Ting-Ting Jong\* 2010, "Cytotoxic Lignan Esters from *Cinnamomum osmophloeum*" *Planta Med.*, 76, 613-619. (SCI)
125. Yu-Tzu Shih, Ya-Yun Hsu, Fang-Rong Chang, **Yang-Chang Wu**, Yi-Ching Lo,\* "6-Hydroxycyclohexa-3,13-dien-15,16-olide Protects Neuronal Cells from Lipopolysaccharide-Induced Neurotoxicity through the Inhibition of Microglia-Mediated Inflammation" *Planta Med.*,76, 120-127. (SCI)
126. Fang-Rong Chang, Yi-Chung Hsieh, Yung-Fu Chang, Kuo-Hsiung Lee, **Yang-Chang Wu**, Li-Kwan Chang,\* 2010, "Inhibition of the Epstein-Barr virus lytic cycle by moronic acid", *Antiviral Res*, 85, 490-495. (SCI)
127. Chiao-Ting Yen, Chin-Chung Wu, Jin-Ching Lee, Shu-Li Chen, Susan L. Morris-Natschke, Pei-Wen Hsieh,\* **Yang-Chang Wu,\*** 2010, "Cytotoxic

- N-(fluorenyl-9-methoxycarbonyl) (Fmoc)-dipeptides: Structure-activity relationships and synergistic studies ” *Eur. J. Med. Chem.* 45, 2494-2502. (SCI)
128. Chia-Ting Yen, Kyoko Nakagawa-Goto, Tsong-Ling Hwang, Pei-Chi Wu, Susan L. Morris-Natschke, Wang-Chun Lai, Kenneth F. Bastow, Fang-Rong Chang, **Yang-Chang Wu**,\* Kuo-Hsiung Lee,\* 2010, “ Antitumor agents. 271: Total synthesis and evaluation of brazilein and analogs as anti-inflammatory and cytotoxic agents ” *Bioorg. Med. Chem. Lett.* 20, 1037-1039. (SCI)
129. Ching-Yu Yen, Chien-Chih Chiu, Fang-Rong Chang, Jeff Yi-Fu Chen, Chi-Ching Hwang, You-Cheng Hseu, Hsin-Ling Yang, Alan Yueh-Luen Lee, Ming-Tz Tsai, Zong-Lun Guo, Yu-Shan Cheng, Yi-Chang Liu, Yu-Hsuan Lan, Yu-Ching Chang, Ying-Chin Ko, Hsueh-Wei Chang,\* **Yang-Chang Wu**\* 2010, “4-Hydroxywithanolide E from *Physalis peruviana* (golden berry) inhibits growth of human lung cancer cells through DNA damage, apoptosis and G2/M arrest.” *BMC Cancer* 10:46 (8 pages)
130. Guey-Horng Wang, Ho-Cheng Huang, Jui-Hsin Su, **Yang-Chang Wu**, Jyh-Horng Sheu,\* 2010 “Paralemnolins J-P, new sesquiterpenoids from the soft coral *Paralemnalia thyrsoide*.” *Chem. Pharm. Bull.* 58, 30-33.
131. I-Ta Lee, Chih-Chung Lin, **Yang-Chang Wu**, Chuen-Mao Yang\*, 2010, “TNF- $\alpha$  induces matrix metalloproteinase-9 expression in A549 cells: role of TNFR1/TRAF2/PKC $\alpha$ -dependent signaling pathways” *J. Cell Physio.* 224, 454-464.
132. Yu-Tzu Shih, Ing-Jun Chen, **Yang-Chang Wu**, and Yi-Ching Lo, 2010, “San-Huang-Xie-Xin-Tang Protects Against Activated Microglia- and 6-OHDA-induced Toxicity in Neuronal SH-SY5Y Cells.” *Evid. Based Complement Alternat. Med. In press.* (SCI)
133. Chih-Chung Liaw, Tung-Ying Wu, Fang-Rong Chang and **Yang-Chang Wu**,\* 2010, “Historic Perspectives on Annonaceous Acetogenins from the Chemical Bench to Preclinical Trials”, *Planta Med., In press.* (SCI)

\* Corresponding author (over 314 articles since 1983)