



高雄醫學大學藥學院  
天然藥物研究所



鄭源斌 副教授

- 任教科目 --- (A) 大學部：生藥學實驗、服務學習  
(B) 研究所：海洋天然物特論、有機光譜學特論、書報討論

- 學歷 --- 中山大學海洋生物科技暨資源學系博士  
高雄醫學大學化學系學士

- 現任 --- 高雄醫學大學天然藥物研究所副教授 (2016/02-)

- 經歷 --- 高雄醫學大學天然藥物研究所助理教授 (2012/08-2016/01)  
中央研究院農業生物科技中心博士後研究 (2012/03-2012/07)  
加州大學聖地牙哥分校 Scripps 海洋學研究所博士後研究 (2010/08-2011/08)  
台灣大學醫學院藥學系博士後研究 (2008/06-2010/07)

### ● 最新動態

- 第 31 屆天然藥物研討會學術組籌備委員

- E-mail --- [jmb@kmu.edu.tw](mailto:jmb@kmu.edu.tw)

- 聯絡電話 --- 07-3121101 ext. 2197

傳 真 --- 07-3114773

- 研究專長 --- 有機化合物結構鑑定  
海洋天然物與中草藥活性成分分離純化  
天然物化學

### ● 主要論文著作(2013~2016)

1. Yu-Ming Hsu, Fang-Rong Chang, I-Wen Lo, Kuei-Hung Lai, Mohamed El-Shazly, Tung-Ying Wu, Ying-Chi Du, Tsong-Long Hwang, **Yuan-Bin Cheng\***, Yang-Chang Wu\*, "Zoanthamine-Type Alkaloids from the Zoanthid *Zoanthus kuroshio* Collected in Taiwan and Their Effects on Inflammation", *J. Nat. Prod.* **2016**, 79, web released.
2. Fang-Rong Chang, Shih-Ting Huang, Chih-Chuang Liaw, Ming-Hong Yen, Tsong-Long Hwang, Ching-Yeu Chen, Ming-Feng Hou, Shyng-Shiou Yuan, **Yuan-Bin Cheng\***, Yang-Chang Wu\*, "Diterpenes from *Grangea maderaspatana*", *Phytochemistry* **2016**, 129, 124–129.
3. Jin-Ching Lee<sup>†</sup>, Fang-Rong Chang<sup>†</sup>, Shu-Rong Chen, Yu-Hsuan Wu, Hao-Chun Hu, Yang-Chang Wu, Anders Backlund, **Yuan-Bin Cheng\***, "Anti-Dengue Virus Constituents from Formosan Zoanthid *Palythoa mutuki*", *Marine Drugs* **2016**, 14, 151.
4. **Yuan-Bin Cheng<sup>†</sup>**, Jin-Ching Lee<sup>†</sup>, I-Wen Lo, Shu-Rong Chen, Hao-Chun Hu, Yu-Hsuan Wu,

- Yang-Chang Wu\*, Fang-Rong Chang\*, “Ecdysones from *Zoanthus* spp. with inhibitory activity against dengue virus 2”, *Bioorg. & Med. Chem. Lett.* **2016**, *26*, 2344–2348.
5. I-Wen Lo, **Yuan-Bin Cheng**, Chen-Chang Haung, Tsong-Long Hwang, Chin-Chung Wu, Jing-Ru Liou, Ming-Feng Hou, Shyng-Shiou Yuan, Fang-Rong Chang\*, Yang-Chang Wu\*, “Constituents of the Leaves of *Pandanus utilis*”, *Natural Product Communications*, **2016**, *11*, 173–176.
  6. I-Wen Lo, **Yuan-Bin Cheng**, Yi-Jin Hsieh, Tsong-Long Hwang, Deng-En Shieh, Fang-Rong Chang\*, Yang-Chang Wu\*, “Chemical Constituents and LC-profile of Fresh Formosan *Lonicera japonica* Flower Buds”, *Natural Product Communications*, **2016**, *11*, 1–4.
  7. **Yuan-Bin Cheng**, Rosa Huang Liu, Meng-Chi Ho, Tung-Ying Wu, Ching-Yeu Chen, I-Wen Lo, Ming-Feng Hou, Shyng-Shiou Yuan, Yang-Chang Wu\*, Fang-Rong Chang\*, “Alkylamides of *Acmella oleracea*”, *Molecules* **2015**, *20*, 6970–6977.
  8. **Yuan-Bin Cheng**, Yi-Hong Tsa, I-Wen Lo, Chen-Chang Haung, Yu-Chi Tsai, Ludger Beerhues, Mohamed El-Shazly, Ming-Feng Hou, Shyng-Shiou Yuan, Chin-Chung Wu, Fang-Rong Chang\*, Yang-Chang Wu\*, “Pandalisines A and B, novel indolizidine alkaloids from the leaves of *Pandanus utilis*”, *Bioorg. & Med. Chem. Lett.* **2015**, *25*, 4333–4336.
  9. **Yuan-Bin Cheng**, I-Wen Lo, Lie-Fen Shyur, Chung-Chih Yang, Yu-Ming Hsu, Jui-Hsin Su, Mei-Chin Lu, Shu-Fen Chiou, Chih-Chin Lan, Yang-Chang Wu\*, Fang-Rong Chang\*, “New alkaloids from Formosan zoanthid *Zoanthus kuroshio*”, *Tetrahedron* **2015**, *71*, 8601–8606.
  10. Shih-Sheng Wang, **Yuan-Bin Cheng**, Yu-Chi Lin, Chia-Ching Liaw, Jiun-Yang Chang, Yao-Haur Kuo, Ya-Ching Shen\*, “Nitrogen-Containing Diterpenoids, Sesquiterpenoids, and Nor-Diterpenoids from *Cespitularia taeniata*”, *Marine Drugs*, **2015**, *13*, 5796–5814.
  11. Ho-Hsi Cheng, **Yuan-Bin Cheng**, Tsong-Long Hwang, Yao-Haur Kuo, Chung-Hsiung Chen, Ya-Ching Shen\*, “Randainins A–D, Based on Unique Diterpenoid Architectures, from *Callicarpa randaiensis*”, *J. Nat. Prod.*, **2015**, *78*, 1823–1828.
  12. **Yuan-Bin Cheng**, Yi-Ting Chien, Jin-Ching Lee, Chin-Kai Tseng, Hui-Chun Wang, I-Wen Lo, Yi-Hung Wu, Sheng-Yang Wang, Yang-Chang Wu\*, Fang-Rong Chang\*, “Limonoids from the Seeds of *Swietenia macrophylla* with Inhibitory Activity against Dengue Virus 2”, *J. Nat. Prod.* **2014**, *77*, 2367–2374.
  13. **Yuan-Bin Cheng**, Chih-Chin Lan, Wei-Chun Liu, Wan-Chun Lai, Yu-Chi Tsai, Michael Y. Chiang, Yang-Chang Wu\*, Fang-Rong Chang\*, “Kuroshines A and B, new alkaloids from *Zoanthus kuroshio*”, *Tetrahedron Lett.* **2014**, *55*, 5369–5372.
  14. Tung-Ying Wu, **Yuan-Bin Cheng**, Fu-Ting Cheng, Yu-Ming Hsu, Thang Tran Dinh, Fang-Rong Chang\*, Yang-Chang Wu\*, “Chemical Constituents of the Leaves of *Desmos cochinchinensis* var. *fulvescens* Ban”, *Helv. Chim. Acta*, **2014**, *97*, 1714–1718.
  15. Chia-Ching Liaw, **Yuan-Bin Cheng**, Yun-Sheng Lin, Yao-Haur Kuo, Tsong-Long Hwang, Ya-Ching Shen\*, “New Briarane Diterpenoids from Taiwanese Soft Coral *Briareum violaceum*”, *Marine Drugs*, **2014**, *12*, 4677–4692.
  16. Yao-Ching Tsai, **Yuan-Bin Cheng**, I-Wen Lo, Ho-Hsi Cheng, Ching-Jie Lin, Tsong-Long Hwang, Yuh-Chi Kuo, Shorong-Shii Liou, Yi-Zsau Huang, Yao-Haur Kuo, Ya-Ching Shen\*, “Seven New Sesquiterpenoids from the Fruits of *Schisandra sphenanthera*”, *Chem. & Biodiv.*, **2014**, *11*, 1053–1068.

17. **Yuan-Bin Cheng**, Paul R. Jensen, and William Fenical\*, “Cytotoxic and Antimicrobial Napyradiomycins from Two Marine-Derived *Streptomyces* Strains”, *Eur. J. Org. Chem.* **2013**, 3751–3757.
18. **Yuan-Bin Cheng**, Ahmed Eid Fazary, Yu-Chi Lin, I-Wen Lo, Seow-Chin Ong, Shun-Ying Chen, Ching-Te Chien, Yen-Jung Lin, Wan-Wan Lin, Ya-Ching Shen\*, "Hyperinakin, A New Anti-inflammatory Phloroglucinol derivatives from *Hypericum nakamurai*", *Nat. Prod. Res.* **2013**, 27, 727–734.
19. Yu-Chi Lin, **Yuan-Bin Cheng**, Chia-Ching Liaw, I-Wen Lo, Yao-Haur Kuo, Michael Y. Chiang, Chang-Hung Chou, Ya-Ching Shen\*, “New Lignans from the Leaves and Stems of *Kadsura philippinensis*”, *Molecules*, **2013**, 18, 6573–6583.

### ● 近年研究計畫：

1. 沙巴蛇草、芋香林投與紅刺林投抗登革熱病毒活性成份分析研究(科技部 2013-2015)
2. 台灣海葵與海葵共生菌活性天然物研究(科技部 2014-2017)
20. 由中草藥開發抗癌、抗病毒新藥(高醫天然物中心 2015-2016)
21. 抗病毒與抗癌活性天然物篩選(高醫傳染病與癌症中心 2014-2016)
22. 鯽魚膽根的有機溶劑萃取物抑制癌細胞增生並誘導癌細胞死亡之研究(高醫-中山合作 2014)
23. 台灣與索羅門群島原生植物之抗病毒活性成分研究(高醫天然物中心 2014)