

# 姚新生



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簡介: 姚新生院士于1955年7月畢業於東北藥學院 (現瀋陽藥科大學)。1981年至1983年，在日本東京大學留學，獲藥學博士學位。1987至1988年間，任瀋陽藥科大學常務副校長 (主持學校行政工作)；1996年當選中國工程院院士。1996年至2000年間，任瀋陽藥科大學校長兼黨委書記；2002年，受聘暨南大學雙聘院士，藥學院名譽院長，中藥及天然藥物研究所所長。兼任《新藥研究國家重點實驗室》、《醫藥生物技術國家重點實驗室》、《生物有機化學國家重點實驗室》《天然藥物活性物質與功能國家重點實驗室》、《植物化學與西部地區植物可持續開發利用國家重點實驗室》重點實驗室學術委員。

姚院士的研究方向為中藥及天然藥物 (包括微生物次生代謝產物) 活性成份研究；中藥 (特別是複方) 作用物質基礎及作用機理研究；重要天然活性代謝產物的轉化研究。姚院士已經在國際學術刊物上發表了340 餘篇SCI論文，申請國家發明專利79 項，已獲得授權專利16 項，成功研製開發新藥4 個，獲得省部級以上獎勵7 項。他主編出版了《天然藥物化學》、《有機化合物波譜解析》及《超導核磁共振波譜解析》等三部全國醫藥院校統編教材及研究生教材；已經培養 68 名博士、47 名碩士、9 名博士後。正在培養博士生 19 人，碩士生 18 人，博士後 4 人。

## 學歷

1983.6 日本東京大學博士學位

1955.7 東北藥學院（現瀋陽藥科大學）學士學位

教學經驗

2013-今澳門科技大學特聘教授

2002-今暨南大學藥學院教授

1987-今瀋陽藥科大學中藥學院教授

1955-1987 瀋陽藥科大學中藥學院助教、講師

學術成果：

- 1) Liu, Ming-Li; Duan, Ying-Hui; Hou, Yun-Long; Li, Chang; Gao, Hao; Dai, Yi\*; **Yao, Xin-Sheng\***. Nardoaristolones A and B, Two Terpenoids with Unusual Skeletons from *Nardostachys chinensis* Batal. *Organic Letters* (2013), 15(5), 1000-1003.
- 2) Wang, Guang-Hui; Jiang, Fu-Quan; Duan, Ying-Hui; Zeng, Zhi-Ping; Chen, Fan; Dai, Yi; Chen, Jie-Bo; Liu, Jin-Xing; Liu, Jie; Zhou, Hu; Chen, Hai-Feng; Zeng, Jin-Zhang; Su, Ying; **Yao, Xin-Sheng\***; Zhang, Xiao-Kun\*. Targeting Truncated Retinoid X Receptor- $\alpha$  by CF31 Induces TNF- $\alpha$ -Dependent Apoptosis. *Cancer Research* (2013), 73(1), 307-318.
- 3) Liu, Qian; Tang, Jin-Shan; Hu, Meng-Jie; Liu, Jie; Chen, Hai-Feng; Gao, Hao; Wang, Guang-Hui; Li, Shun-Lin; Hao, Xiao-Jiang; Zhang, Xiao-Kun\*; **Yao, Xin-Sheng\***. Antiproliferative Cardiac Glycosides from the Latex of *Antiaristoxicaria*. *Journal of Natural Products* (2013), 76(9), 1771–1780.
- 4) Chen, Shao-Dan; Gao, Hao\*; Zhu, Qin-Chang; Wang, Ya-Qi; Li, Ting; Mu, Zhen-Qiang; Wu, Hong-Ling; Peng, Tao; **Yao, Xin-Sheng\***. Houttuynoids A-E, Anti-Herpes Simplex Virus Active Flavonoids with Novel Skeletons from *Houttuyniacordata*. *Organic Letters* (2012), 14(7), 1772-1775.
- 5) Mu, Zhen-Qiang; Gao, Hao\*; Huang, Zhi-Yun; Feng, Xiao-Lin; **Yao, Xin-Sheng\***. Puberunine and Puberudine, Two New C18-Diterpenoid Alkaloids from *Aconitum barbatum* var.*puberulum*. *Organic Letters* (2012), 14(11), 2758-2761.
- 6) Dai, Yi; Tu, Feng-Juan; Yao, Zhi-Hong; Ding, Bo; Xu, Wen; Qiu, Xiao-Hui; **Yao, Xin-Sheng\***. Rapid Identification of Chemical Constituents in Traditional Chinese Medicine Fufang Preparation XianlingGubao Capsule by LC-linear Ion Trap/Orbitrap Mass Spectrometry. *The American Journal of Chinese Medicine* (2013), 41(5), 1-18.
- 7) Chen, Guo-Dong; Chen, Ying; Gao, Hao\*; Shen, Li-Qing; Wu, Yang; Li, Xiao-Xia; Li, Yan; Guo, Liang-Dong; Cen, Ying-Zhou; **Yao, Xin-Sheng\***. Xanthoquinodins from the

Endolichenic Fungal Strain *Chaetomiumelatum*. Journal of Natural Products (2013), 76(4), 702-709.

- 8) Liu, Ming-Li; Duan, Ying-Hui; Zhang, Jin-Bo; Yu, Yang; Dai, Yi\*; **Yao, Xin-Sheng\***. Novel sesquiterpenes from *Nardostachyschinensis*Batal. Tetrahedron (2013), 69(32), 6574-6578.
- 9) Wang, Ya-Qi; Bao, Li; Yang, Xiao-Li; Li, Li; Li, Shai-Fei; Gao, Hao; **Yao, Xin-Sheng\***; Wen, Hua-An; Liu, Hong-Wei\*. Bioactive sesquiterpenoids from the solid culture of the edible mushroom *Flammulinavelutipes* growing on cooked rice. Food Chemistry (2012), 132(3), 1346-1353.
- 10) Sun, Zhe; Cao, Xin-Hua; Jiang, Miao-Miao; Qiu, Ying-Kun; Zhou, Hu; Chen, Li-Quan; Qin, Bin; Wu, Hua; Jiang, Fu-Quan; Chen, Jie-Bo; Liu, Jie; Dai, Yi; Chen, Hai-Feng; Hu, Qiong-Ying; Wu, Zhen; Zeng, Jin-Zhang; **Yao, Xin-Sheng\***; Zhang, Xiao-Kun\*. Inhibition of  $\beta$ -catenin signaling by nongenomic action of orphan nuclear receptor Nur77. Oncogene (2012), 31(21), 2653-2667.
- 11) Wang, Ya-Qi; Bao, Li; Liu, Dai-Lin; Yang, Xiao-Li; Li, Shai-Fei; Gao, Hao; **Yao, Xin-Sheng\***; Wen, Hua-An; Liu, Hong-Wei\*. Two new sesquiterpenes and six norsesquiterpenes from the solid culture of the edible mushroom *Flammulinavelutipes*. Tetrahedron (2012), 68(14), 3012-3018.
- 12) Li, Hai-Bo; Yu, Yang; Wang, Zhen-Zhong; Dai, Yi; Gao, Hao; Xiao, Wei\*; **Yao, Xin-Sheng\***. Iridoid and bis-iridoid glucosides from the fruit of *Gardenia jasminoides*. Fitoterapia(2013),88, 7-11.
- 13) Chen, Guo-Dong; Li, Yan-Jun; Gao, Hao; Chen, Ying; Li, Xiao-Xia; Li, Jia; Guo, Liang-Dong; Cen, Ying-Zhou; **Yao, Xin-Sheng\***. New azaphilones and chlorinated phenolic glycosides from *Chaetomiumelatum* with caspase-3 inhibitory activity. PlantaMedica (2012), 78(15), 1683-1689.
- 14) Jiang, Hao; Tian, Lu-Feng; Li, Zhen-Tao; Liu, Qi; Li, Chuang-Chuang; **Yao, Xin-Sheng\***;

- Yang, Zhen\*. InCl<sub>3</sub>-mediated intramolecular Friedel-Crafts-type cyclization and its application to construct the [6-7-5-6] tetracyclic scaffold of liphagal. *Science China: Chemistry* (2012), 55(1), 36-42.
- 15) Ding, Li-Qin; Zhao, Feng; Chen, Li-Xia; Jiang, Zhi-Hu; Liu, Yue; Li, Zhuo-Min; Qiu, Feng\*; **Yao, Xin-Sheng\***. New monoterpene glycosides from *Paeonia suffruticosa* Andrews and their inhibition on NO production in LPS-induced RAW 264.7 cells. *Bioorganic & Medicinal Chemistry Letters* (2012), 22(23), 7243-7247.
- 16) Wang, Guang-Hui; Guo, Xiao-Yu; Chen, Hai-Feng; Lin, Ting; Xu, Yang; Chen, Quan-Cheng; Liu, Jie; Zeng, Jin-Zhang; Zhang, Xiao-Kun\*; **Yao, Xin-Sheng\***. A resveratrol analog, phoyunbene B, induces G2/M cell cycle arrest and apoptosis in HepG2 liver cancer cells. *Bioorganic & Medicinal Chemistry Letters* (2012), 22(5), 2114-2118.
- 17) Zhang, Da-Wei; Zhang, Jin-Chao; Fong, Chi-Chun; **Yao, Xin-Sheng\***; Yang, Meng-Su\*. Herbaepimedii flavonoids suppress osteoclastic differentiation and bone resorption by inducing G2/M arrest and apoptosis. *Biochimie* (2012), 94(12), 2514-2522.
- 18) Duan, Ying-Hui; Dai, Yi; Chen, Liu-Yuan; Liu, Ming-Li; Li, Yao-Lan; Yao, Xin-Sheng\*. Xanthones from the stems of *Cratoxylum cochinchinense*. *Magnetic Resonance in Chemistry* (2012), 50(9), 642-645.
- 19) Tang, Jin-Shan; Hou, Yun-Long; Gao, Hao; Chen, Xue; Sun, S.-C.; Guo, T.-Z.; Kobayashi, Hiroshi; Ye, Wen-Cai; **Yao, Xin-Sheng\***. Polyphenols from *Parabarium huaitingii* and their positive inotropic and anti-myocardial infarction effects in rats. *Phytomedicine* (2011), 18(7), 544-550.
- 20) Xiao, Hui-Hui; Dai, Yi; Wan, Hoi-Ying; Wong, Man-Sau\*; **Yao, Xin-Sheng\***. Bone-protective effects of bioactive fractions and ingredients in *Sambucus williamsii*HANCE. *British Journal of Nutrition* (2011), 106(12), 1802-1809.