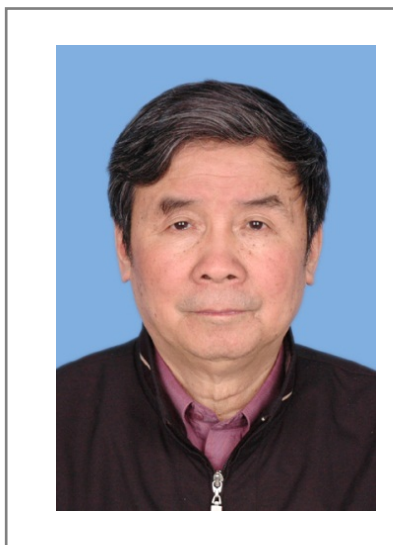


Yao Xin Sheng



Position: Distinguished Professor (Academician)

Faculty: State Key Laboratory Quality Research in
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Academician Yao received his Bachelor degree in pharmaceutical sciences from The Northeast Pharmaceutical College (presently Shenyang Pharmaceutical University) in July, 1955. He studied in Japan from 1981-1983 and earned his Ph.D degree in pharmacognosy and natural product chemistry from the University of Tokyo. As the Executive vice president, he managed the administration work of college from 1987 to 1988; In 1996, he was elected to the academician of Chinese Academy of Engineering. Prof. Yao served as president and party secretary of Shenyang Pharmaceutical University from 1996 to 2000. In 2002, he was invited to be honorary president of the college of Pharmacy and director of the Institute of Traditional Chinese Medicine and Natural Products Chemistry in Jinan University. Prof. Yao is also a committee member in 5 national key laboratories in China for new drug research, natural medicines, biomedical and pharmaceutical sciences.

His research interests focus on the bioactive constituents from traditional Chinese medicine and natural medicine (including microbial secondary metabolite); the material basis and action mechanism of Traditional Chinese Medicine (especially for Traditional Chinese Medicine Prescriptions); biotransformation of important natural products. Regarding to the academic achievement, he has published over 340 SCI scientific papers, applied for 79 patents (including 16 authorized patents) and

developed 4 new drugs. So far a total of 7 national and international awards have been granted to Prof. Yao for his scientific contributions. He dedicated in research and teaching in the field of natural products chemistry for more than 50 years. Up till now, 68 doctors and 47 masters, and 9 post-doctor researchers have graduated in his lab, among them 1 doctor won national 100 excellent doctoral dissertations. Presently he is directing 4 post doctorates, 19 Ph.D and 18 master candidates.

Academic Qualifications

1983.6 Ph.D the University of Tokyo, Japan

1955.7 B. Sc. The Northeast Pharmaceutical College (presently Shenyang
Pharmaceutical University)

Teaching Experience

2013-Present Distinguish Professor, Macau University of Science and Technology

2002-Present Professor, the college of Pharmacy in Jinan University

1987-Present Professor, Shenyang Pharmaceutical University

1955-1987 Assistant and lecturer, Shenyang Pharmaceutical University

Representative Publications

- 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- α by CF31 Induces TNF- α -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 *Chaetomium elatum*. *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 *Nardostachys chinensis* 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 *Flammulina velutipes* 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 β -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 *Flammulina velutipes*. *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 *Chaetomium melatum* with caspase-3 inhibitory activity. *Planta Medica* (2012), 78(15), 1683-1689.
- 14) Jiang, Hao; Tian, Lu-Feng; Li, Zhen-Tao; Liu, Qi; Li, Chuang-Chuang; **Yao, Xin-Sheng***; Yang, Zhen*. InCl₃-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 *Paeoniasuffruticosa* 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*. Xanthenes 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 *Parabariumhuaitingii* 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 *Sambucuswilliamsii*HANCE. *British Journal of Nutrition* (2011), 106(12), 1802-1809.