

Biography

Yanmin Zhang, Prof., Ph. D.
School of Pharmacy,
Health Science Center, Xi'an Jiaotong University
No. 76, Yanta Weststreet, #54,
Xi'an, 710061 Shaanxi Province, P.R. China
Tel: +086 29 826566264 (o)
Email: zhang2008@mail.xjtu.edu.cn
zym3000@126.com
Web: <http://gr.xjtu.edu.cn/web/zhang2008>

Dr. Yanmin Zhang

Dr. Yanmin Zhang is a full professor of School of Pharmacy, Health Science Center, Xi'an Jiaotong University of China, member of Chinese Pharmaceutical Association. Yanmin Zhang received his B.S. in chemistry and Ph.D. in pharmaceutical analysis. He began his independent career in 1999. He is currently the director of molecular pharmacology program and assistant research scientist in the Biodesign Institute of Arizona State University, USA. Research field of Interest: Tumor Cell Biology, Tumor pharmacology and Drug process analysis. He has published more than 100 papers including *CDDs*, *Sci Rep*, *JCMM*, *Cancer Lett*, et al. and holden 22 patents.

Editorial Experience:

Editor Board member of "*Hepatoma Research*"

Editor Board member of "*Pharmacologia*"

Editor Board member of "*Journal of Biochemistry and Molecular Biology Research*"

Editor Board member of "*Advances in Modern Oncology Research*"

Executive Editor of "*Journal of Pharmaceutical Analysis*"

Invited Reviewer: *Oncotarget*; *Scientific Reports*; *Gene*; *Phytomedicine*; *International Journal of Molecular Sciences*; *Molecules*; *Phytotherapy Research*; *Food & Function*; *Analytical Methods*; *Natural Product Research*; *Anti-Cancer Agents in Medicinal Chemistry*; *BMC Complementary and Alternative Medicine*; *Mini-Reviews in Medicinal Chemistry*; *Evidence-Based Complementary and Alternative Medicine*; *Biomedical Chromatography*; *Letters in drug design & discovery*; *Pharmaceutical Biology*; *Journal of Cancer Biology & Treatment*

Research Interest:

Tumor Cell Biology

Tumor Pharmacology

Drug process analysis

Screening of targeted drug

Publications (Representative 50 papers)

First author and corresponding author

- [1] **Yanmin Zhang**, Yingzhuan Zhan, Dongdong Zhang, Bingling Dai, Weina Ma, Junpeng Qi, Rui liu, Langchong He. Eupolyphaga sinensis Walker displays inhibition on hepatocellular carcinoma through regulating cell growth and metastasis signaling, cancer discovery. *Scientific Reports*, 2014, 4:5518.
- [2] **Yanmin Zhang**, Bingling Dai, Lei Zheng, Yingzhuan Zhan, Jie Zhang, Wanli W. Smith, Xiaoli Wang, Yinnan Chen, Langchong He. A novel angiogenesis inhibitor impairs lovo cell survival via targeting against human VEGFR and its signaling pathway of phosphorylation. *Cell Death and Disease*, 2012, 3, e406:1-9.
- [3] Wenjuan Luo, Xiaoli Wang, Lei Zheng, Yingzhuan Zhan, Dongdong Zhang, Jie Zhang, **Yanmin Zhang (corresponding author)**, et al. Brucine suppresses colon cancer cells growth via mediating KDR signaling pathway. *Journal of Cellular and Molecular Medicine*, 2013, 17: 1316-1324.
- [4] **Yanmin Zhang**, Langchong He, Liang Meng, Wenjuan Luo, Xuemei Xu. Suppression of tumor-induced angiogenesis by taspine isolated from Radix et Rhizoma Leonticis and its mechanism of action in vitro. *Cancer letters*, 2008, 262:103-113.
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- [10] Yingzhuan Zhan, Meng Sun, **Yanmin Zhang (corresponding author)**. Determination of taspine using hplc-ms and its effect on EGFR in A431 and HEK293/EGFR cells in vitro. *Chromatographia*, 2011, 74: 383-389.
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- [12] **Yanmin Zhang**, Lei Zheng, Jie Zhang, Bingling Dai, Nan Wang, Yinnan Chen, Langchong He. Anti-tumor activity of taspine by modulating EGFR signaling pathway of Erk1/2 and Akt in vitro and in vivo. *Planta Medica*, 2011, 77: 1774-1781.

- [13] **Yanmin Zhang**, Qiao Jiang, Nan Wang, Bingling Dai, Yinnan Chen, Langchong He. Effects of taspine on proliferation and apoptosis by regulating caspase-3 expression and the ratio of Bax/Bcl-2 in A431 cells. *Phytotherapy research*, 2011, 25(3): 357-364.
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- [15] Wen Lu, Bingling Dai, Weina Ma, **Yanmin Zhang (corresponding author)**. A novel taspine analogue, HMQ1611, inhibits growth of non-small cell lung cancer by inhibiting angiogenesis. *Oncology letters*, 2012, 4:1109-1113.
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