



Chinese Journal of Natural Medicines

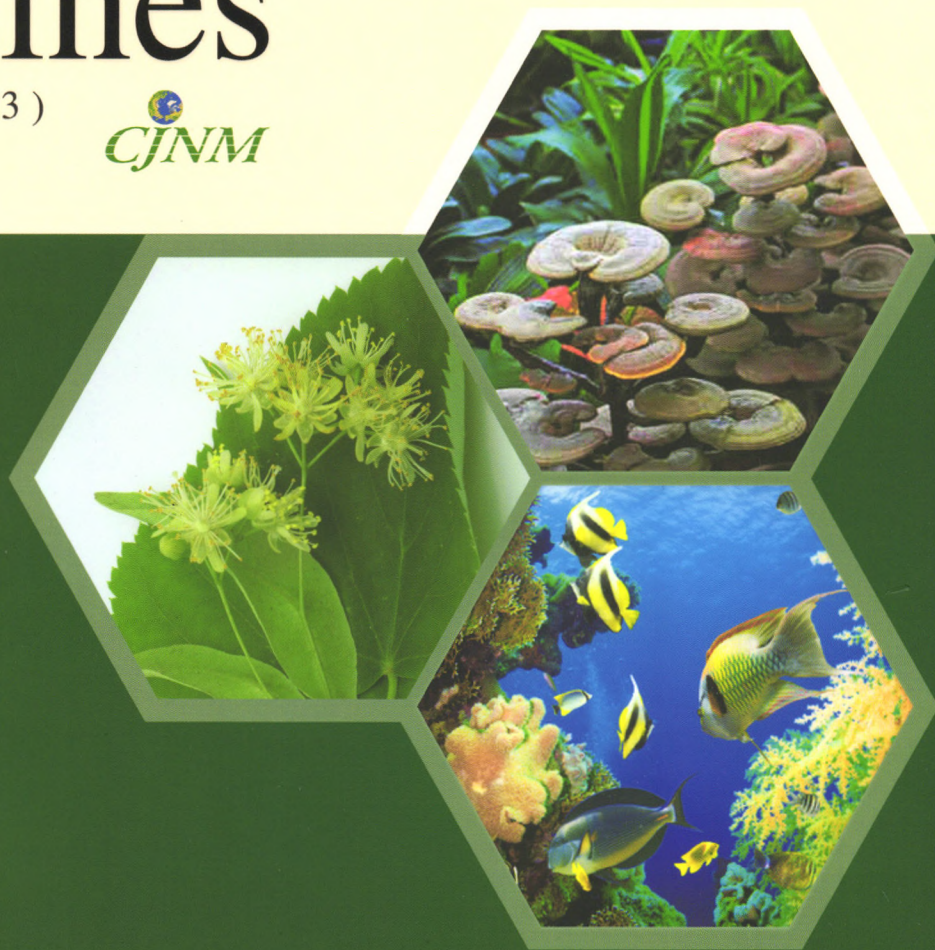
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·Reviews·

Current natural products with antihypertensive activity

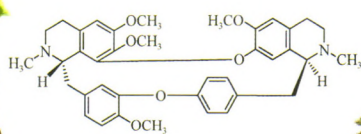
721-729

BAI Ren-Ren, WU Xiao-Ming*, XU Jin-Yi*

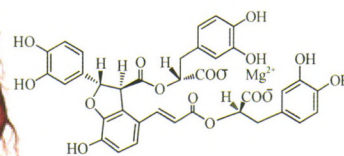
The recent progress in the research and development of natural lead compounds with antihypertensive activity, including alkaloids, diterpenes, coumarins, flavonoids, and peptides were reviewed. We summarized their structures, sources, as well as the antihypertensive mechanisms. The information provides instructive reference for the following structural modifications and optimization.



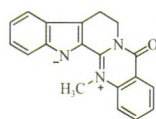
Stephania tetrandra



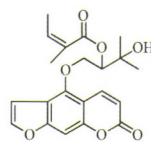
Salvia Miltiorrhizae Radix



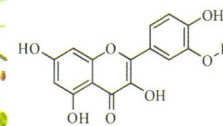
Evodia rutaecarpa



Peucedanum ostruthium



Hippophae Rhamnoides



Modulation of signal transduction pathways by natural compounds in cancer

730-742

Alok Ranjan, Neel M. Fofaria, Sung-Hoon Kim, Sanjay K. Srivastava*

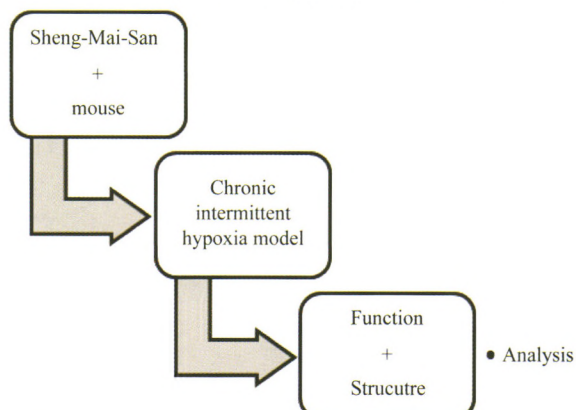
Natural compounds induce cell cycle arrest, activate intrinsic and extrinsic apoptosis pathways, generate Reactive Oxygen Species (ROS), and down-regulate activated signaling pathways, resulting in inhibition of cell proliferation, progression and metastasis of cancer. Several preclinical studies have suggested that natural compounds can also increase the sensitivity of resistant cancers to available chemotherapy agents. On the basis of these exciting outcomes of natural compounds against several cancer types, several agents have already advanced to clinical trials. In conclusion, preclinical results and clinical outcomes against cancer suggest promising anticancer efficacy of agents from natural sources.

·Research articles·

Sheng-Mai-San attenuates contractile dysfunction and structural damage induced by chronic intermittent hypoxia in mice

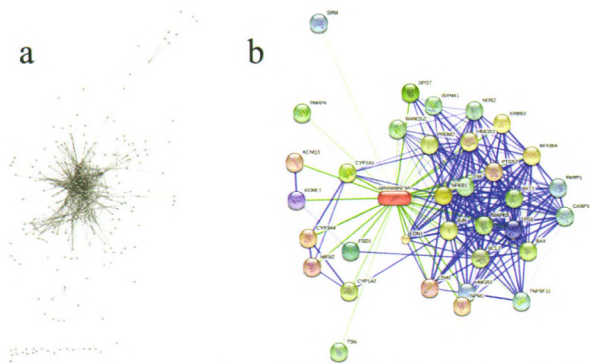
743-750

MO Wei-Lan, CHAI Cheng-Zhi, KOU Jun-Ping, YAN Yong-Qing, YU Bo-Yang*



CHEN Shao-Jun*

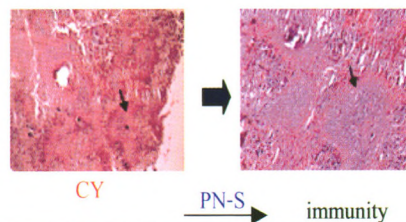
In the present study, two separate drug-target networks for Tanshinone IIA were constructed using the Agilent Literature Search (ALS) (Fig. a) and STITCH (search tool for interactions of chemicals) (Fig. b) methods. Network topology and hubs will assist in developing a comprehensive understanding of the molecular mechanisms and signaling pathways of in a simple, compact, and visual manner.



Pleurotus nebrodensis polysaccharide (PN-S) enhances the immunity of immunosuppressed mice

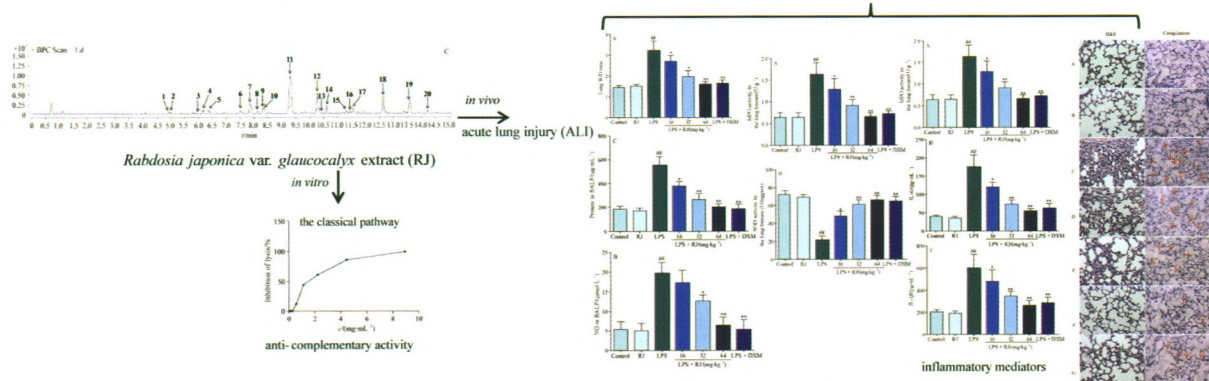
CUI Hai-Yan, WANG Chang-Lu*, WANG Yu-Rong, LI Zhen-Jing, CHEN Mian-Hua, LI Feng-Juan, SUN Yan-Ping

PN-S facilitated splenocyte multiplication and increased the proportion of white pulp. The results suggested that PN-S protected the immune organs against CY-induced impairment.



Protective effects of Radosia japonica var. glaucocalyx extract on lipopolysaccharide-induced acute lung injury in mice

XU Nai-Yu, CHU Chun-Jun, XIA Long, ZHANG Jian*, CHEN Dao-Feng*

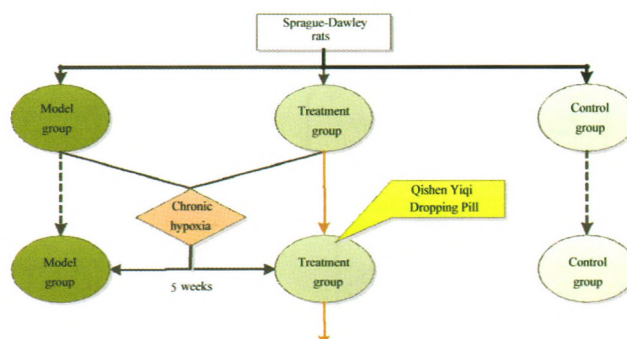


Protective effects of *Radosia japonica* var. *glaucocalyx* extract on lipopolysaccharide-induced acute lung injury in mice

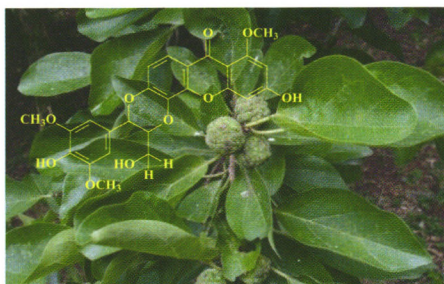
Therapeutic effects of Qishen Yiqi Dropping Pill on myocardial injury induced by chronic hypoxia in rats

YU Fu-Chao, XU Yan-Juan, TONG Jia-Yi*, LU Zhou-Zhou, ZHANG Xiao-Hui

Qishen Yiqi Dropping pill can ameliorate myocardial injury induced by chronic hypoxia, improve cardiac function, and decrease myocardial cell apoptosis.

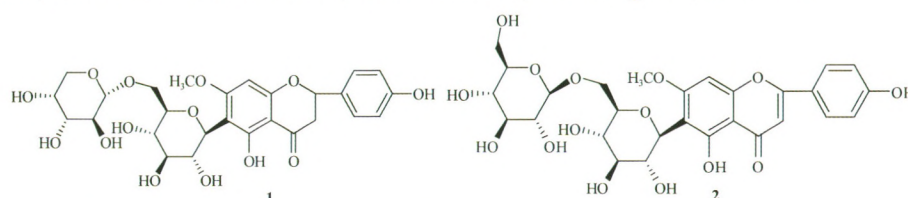


LIANG Bo, XU Li-Zhen, YANG Shi-Lin, GONG Xiao-Jie*

 Two new xanthenes, cudraxanthone T and U (1–2), were isolated from the roots of *Cudrania fruticosa* Wight.

 Analgesic effects and structural elucidation of two new flavone C-glycosides from *Artemisa sacrorum*

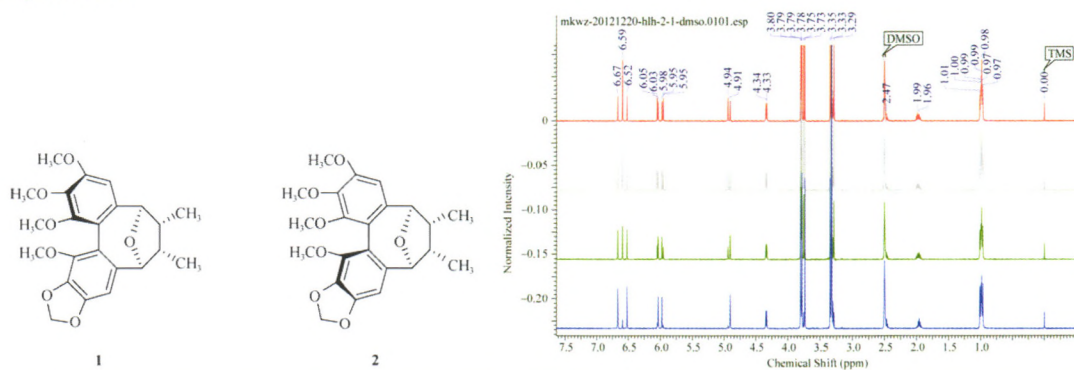
786-790

WANG Qing-Hu*, HAN Na-Ren-Chao-Ke-Tu, DAI Na-Yin-Tai, WU Rong-Jun, WU Jie-Si


 A high-performance liquid chromatography with circular dichroism detector for determination of stereochemistry of 6, 9-oxygen bridge dibenzocyclooctadiene lignans from *kadsura coccinea*

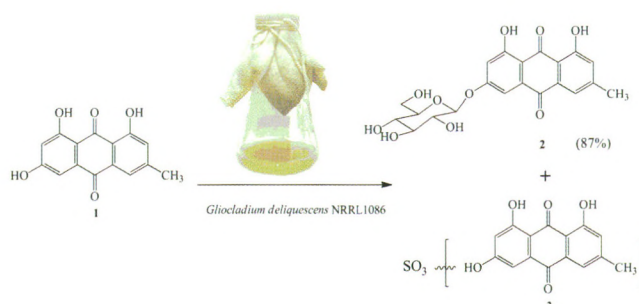
791-795

ZHU Hui, XU Liang#, YANG Shi-Lin, LI He-Ran*

¹H NMR spectrum of Kadsulignan Q (2) at different time in DMSO (Blue-2 h, Green-24 h, Grey-72 h, Red-144 h). Compounds 1 and 2 were more unstable and converted more easily in deuterated methanol than in deuterated chloroform and deuterated dimethylsulfoxide.

 Glycosylation and sulfation of emodin by *Gliocladium deliquescens* NRRL 1086

796-800

XU Shao-Hua, DU Chen-Hui, ZHANG Jian*, YU Bo-Yang

 Microbial transformation of emodin by *Gliocladium deliquescens* NRRL 1086 provided a convenient method to prepare emodin 6-*O*- β -D-glucopyranoside.


JCR IF: 1.114



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Chinese Journal of Natural Medicines

Aims and Scopes

The Chinese Journal of Natural Medicines (CJNM) is devoted to communications among pharmaceutical and medicinal plant scientists who are interested in the advancement of the botanical, chemical, and biological sciences in support of the use of natural medicines in health care, in particular, traditional Chinese medicines (TCM). CJNM aims to cover a broad spectrum of original research papers and review articles on natural medicines or their products from all over the world, including those from TCM.

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