



Chinese Journal of Natural Medicines

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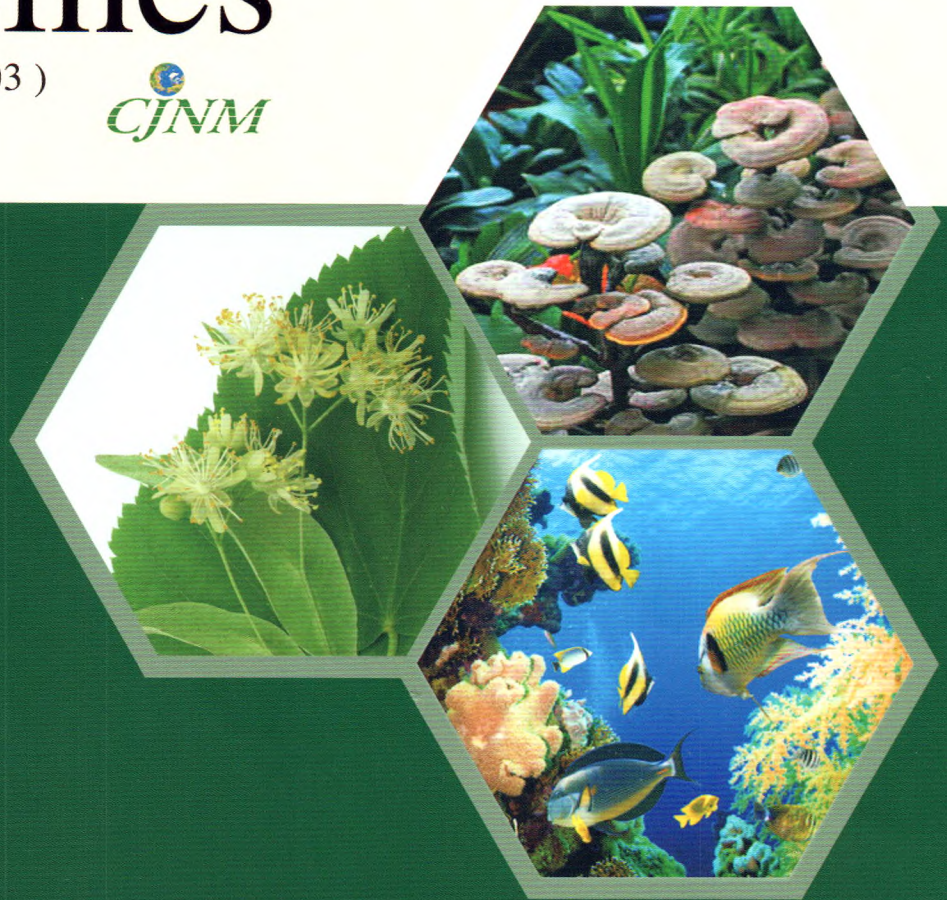
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Novel natural product therapeutics targeting
both inflammation and cancer

Yiwen ZHANG, M.D., Ph.D., D.A.B.T., FAAAS



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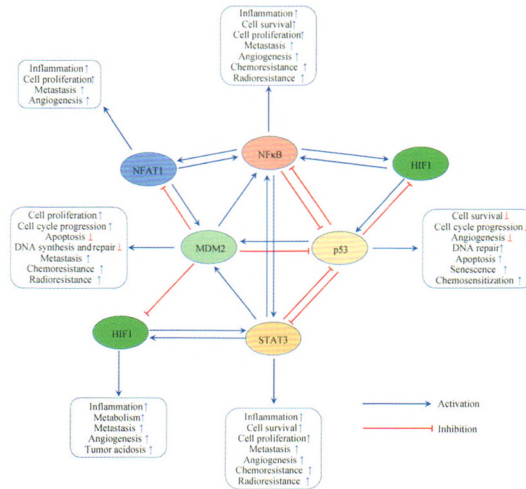
Science Press

·Review·

Novel natural product therapeutics targeting both inflammation and cancer

401-416

JiangJiang QIN, Wei WANG, Ruiwen ZHANG*



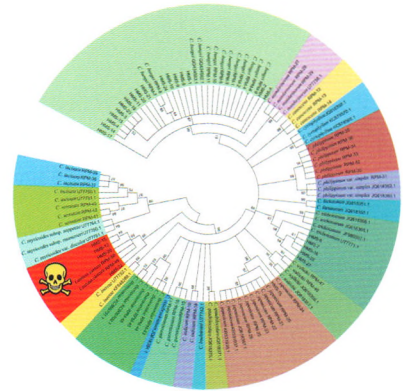
·Research articles·

Survey of traditional Dai medicine reveals species confusion and potential safety threats: a case study on the Radix Clerodendri Japonicum

417-426

DUAN Bao-Zhong, FANG Hai-Lan, LI Xi-Wen*, HUANG Lin-Fang, WANG Ping, CHEN Shi-Lin*

The results indicate that decoction pieces that are available in the market have complex origins and that DNA barcoding is a suitable tool for regulation of Dai medicines.

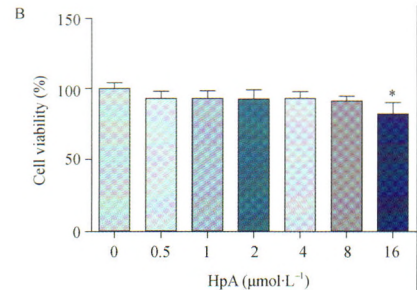
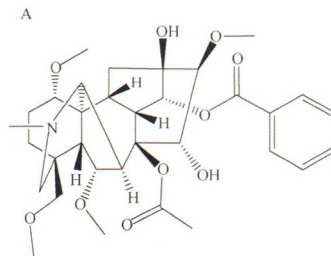


Hypaconitine inhibits TGF-β1-induced epithelial–mesenchymal transition and suppresses adhesion, migration, and invasion of lung cancer A549 cells

427-435

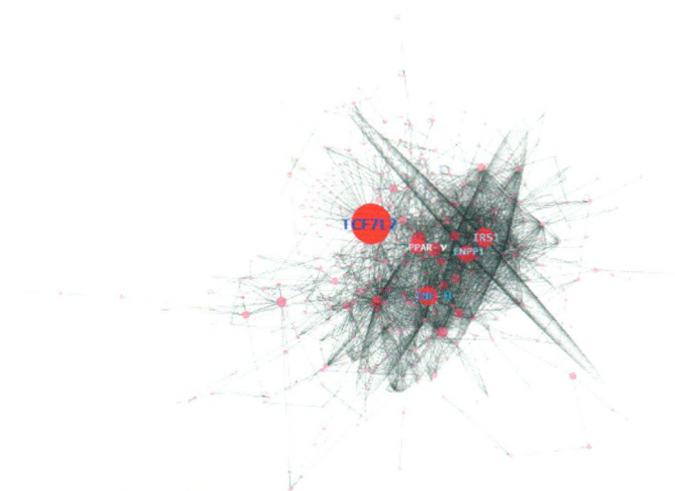
FENG Hai-Tao, ZHAO Wen-Wen, LU Jin-Jian, WANG Yi-Tao, CHEN Xiu-Ping*

The results showed that HpA inhibited TGF-β1-induced EMT in A549 cells, which was possibly mediated by the inactivation of the NF-κB signaling pathway, providing an evidence for anti-cancer effect of HpA.



HU Rui-Feng, SUN Xiao-Bo*

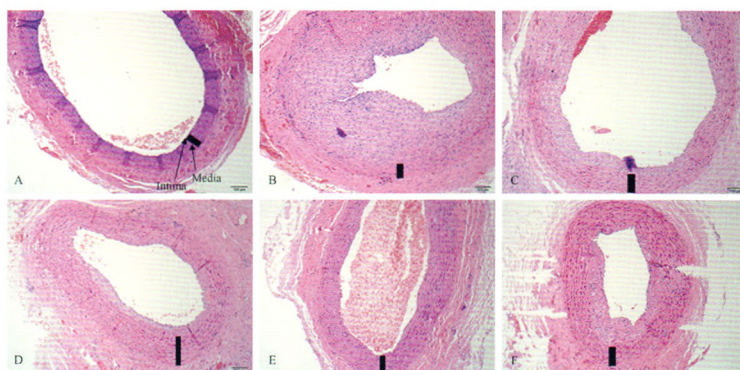
Results of the intervention scores indicate that the method proposed in this study can provide new effective combinations of Chinese herbal medicines for T2DM.



Heparin-derived oligosaccharide inhibits vascular intimal hyperplasia in balloon-injured carotid artery

LIU Jie-Ru, WU Jie, YU Xin-Chao, QIAN Xuan, XIONG Rui, WANG Hui-Fang, YU Dan-Feng, LIU Fei-Fei, HE Shu-Ying*

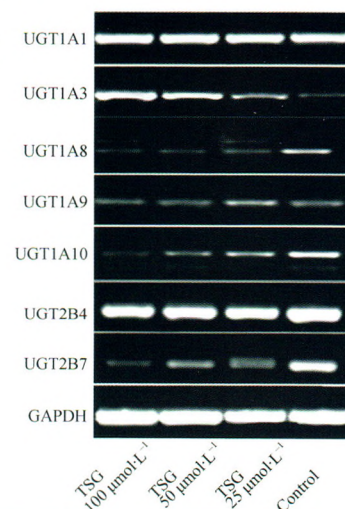
The results from the rabbit model indicated that HDOs could ameliorate IH and underlying mechanism might involve VEGF, bFGF, VCAM-1, MCP-1, SR-BI, and ABCA-1.



**Enhanced absorption and inhibited metabolism of emodin by 2, 3, 5, 4'-tetrahydroxystilbene-
2-O-β-D-glucopyranoside: Possible mechanisms for Polygoni Multiflori Radix-induced liver injury**

YU Qiong^Δ, JIANG Li-Long^Δ, LUO Na, FAN Ya-Xi, MA Jiang, LI Ping, LI Hui-Jun*

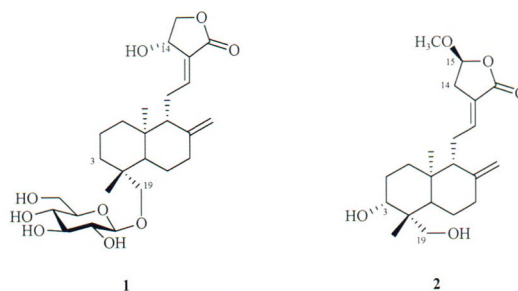
The findings definitively demonstrated the existence of interaction between TSG and emodin, which provide a basis for a better understanding of the underlying mechanism for PMR-induced liver injury.



Two new diterpenoid lactones isolated from Andrographis paniculata

WANG Gui-Yang^Δ, WEN Ting^Δ, LIU Fei-Fei, TIAN Hai-Yan, FAN Chun-Lin, HUANG Xiao-Jun, YE Wen-Cai*, WANG Ying*

Two new diterpenoid lactones, 3-deoxy-andrographoside (**1**) and 14-deoxy-15-methoxy-andrographolide (**2**), were isolated from the aerial parts of *Andrographis paniculata*.

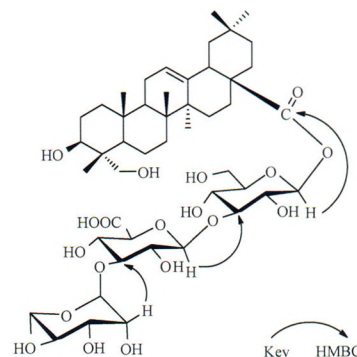


Triterpenoid saponins from the roots of *Cyathula officinalis* and their inhibitory effects on nitric oxide production

463-466

JIANG Yun-Tao, YAN Wen-Jing, QI Chu-Lu, HOU Ji-Qin, ZHONG Yan-Ying, LI Hui-Jun, WANG Hao*, LI Ping

One new oleanane-type triterpenoid saponin, 28-O-[α -L-rhamnopyranosyl-(1 \rightarrow 3)- β -D-glucuronopyranosyl-(1 \rightarrow 3)- β -D-glucopyranosyl] hederagenin (**1**), was isolated from the roots of *Cyathula officinalis*.

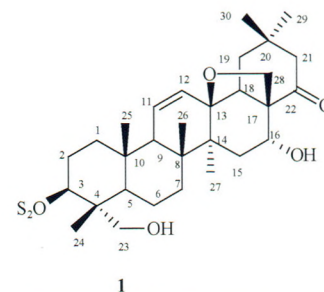


Bioassay-guided isolation of saikosaponins with agonistic activity on 5-hydroxytryptamine 2C receptor from *Bupleurum chinense* and their potential use for the treatment of obesity

467-473

SUN Chang-Li, GENG Chang-An, HUANG Xiao-Yan, MA Yun-Bao, ZHENG Xiao-Hong, YANG Tong-Hua, CHEN Xing-Long, YIN Xiu-Juan, ZHANG Xue-Mei, CHEN Ji-Jun*

The new compound, 22-oxosaikosaponin d (**1**), was isolated from the roots of *Bupleurum chinense*.

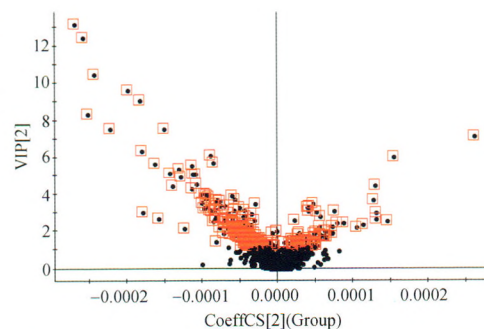


UPLC/ESI-QTOF-MS-based metabolomics survey on the toxicity of triptolide and detoxication of licorice

474-480

WANG Zhuo^A, LIU Jian-Qun^A, XU Jin-Di, ZHU He, KONG Ming, ZHANG Guo-Hua, DUAN Su-Min, LI Xiu-Yang, LI Guang-Fu, LIU Li-Fang*, LI Song-Lin*

It was concluded that LWE demonstrated interventional effects on TP toxicity through regulation of tryptophan, pantothenic acid, and porphyrin metabolism pathways, which provided novel insights into the possible mechanisms of TP toxicity as well as the potential therapeutic effects of LWE against such toxicity.



[Reference of *CJNM*] CN32-1845/R*2003*m*A4*80*en*P*¥50.00*1500*10*2017-06

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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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- Medicinal Plant Resource Investigations

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