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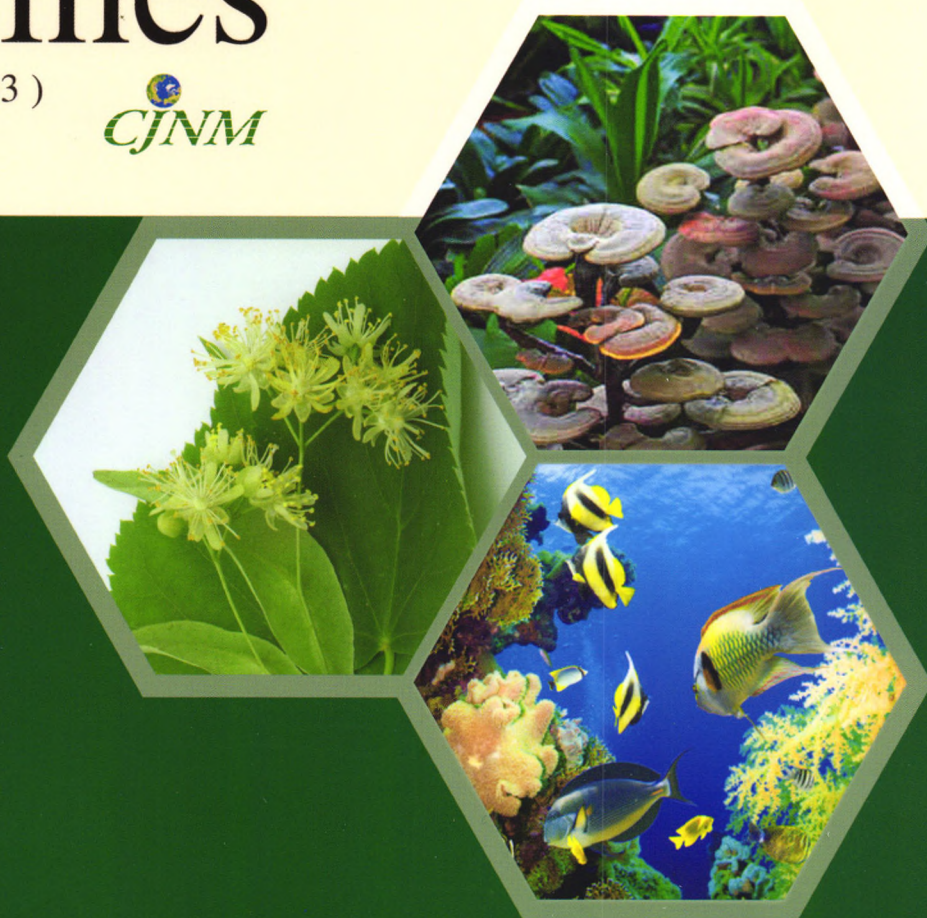
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Anti-proliferation activity of terpenoids isolated from *Euphorbia kansui* in human cancer cells and their structure-activity relationship

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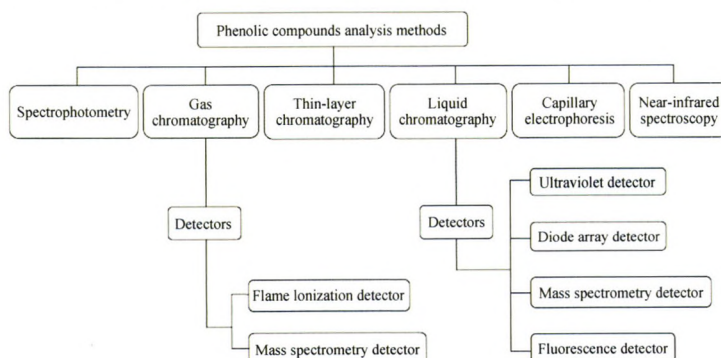
·Review·

Advances in extraction and analysis of phenolic compounds from plant materials

721-731

XU Cong-Cong, WANG Bing, PU Yi-Qiong*, TAO Jian-Sheng, ZHANG Tong*

This review provides valuable reference for identification and/or quantification of phenolic compounds from natural products.



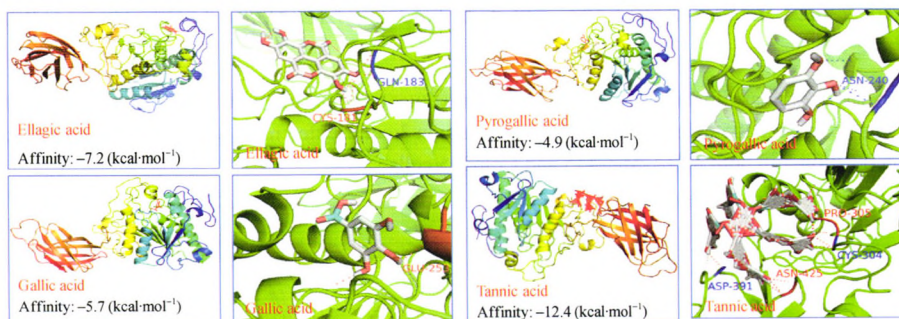
·Research articles·

Pomegranate leaf attenuates lipid absorption in the small intestine in hyperlipidemic mice by inhibiting lipase activity

732-739

YU Xuan^A, WANG Xin-Pei^A, LEI Fan, JIANG Jing-Fei, LI Jun, XING Dong-Ming*, DU Li-Jun*

This study demonstrated that PGL can inhibit lipid absorption and reduce blood TG and TC by targeting pancreatic lipase, promoting tight-junction protein expression and thereby preventing intestinal mucosa damage from an overload of lipids in the intestine.

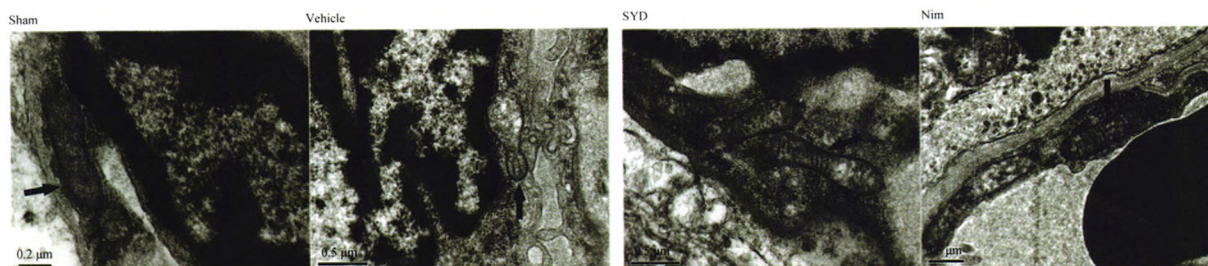


Protective effect of Shouwu Yizhi decoction against vascular dementia by promoting angiogenesis

740-750

YANG Xiao-Ni, LI Chang-Sheng, CHEN Chao, TANG Xiao-Yong, CHENG Guang-Qing*, LI Xia*

The findings preliminarily identified the effect and the mechanism of action for Shouwu Yizhi decoction on Vascular dementia in rats. Shouwu Yizhi decoction could be a potential candidate in treatment of Vascular dementia.

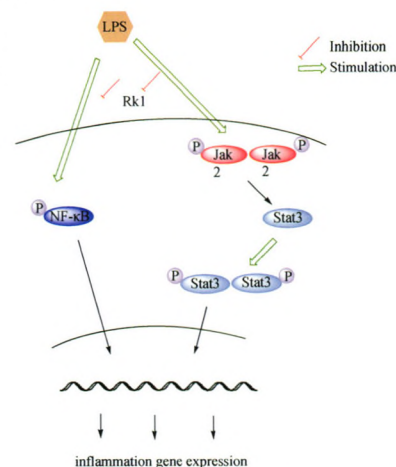


Ginsenoside Rk1 suppresses pro-inflammatory responses in lipopolysaccharide-stimulated RAW264.7 cells by inhibiting the Jak2/Stat3 pathway

751-757

YU Qian, ZENG Ke-Wu, MA Xiao-Li, JIANG Yong, TU Peng-Fei*, WANG Xue-Mei*

The data suggested that ginsenoside Rk1 could inhibit expression of inflammatory mediators and suppress inflammation further by blocking activation of NF- κ B and the Jak2/Stat3 pathway in LPS-stimulated RAW264.7 cells.

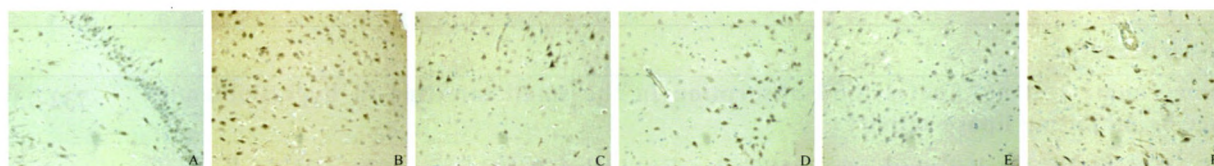


Neuroprotective effects of Yiqihuoxue calm wind capsule on ischemic stroke in rats

758-765

ZHANG Jun-Xia, GUO Jiao-Mei, LIN Hong-Jun, ZHANG Ting-Ting, LI Zhen-Guo, ZHOU Ji-Chun, ZHANG Zhen-Zhong*

Yiqihuoxue calm wind capsule could significantly lower Longa's score and superoxide dismutase level, together with less necrotic cells and infarcted area, and this capsule exhibited its neuroprotective effects via free radical scavenging and NO inhibition.

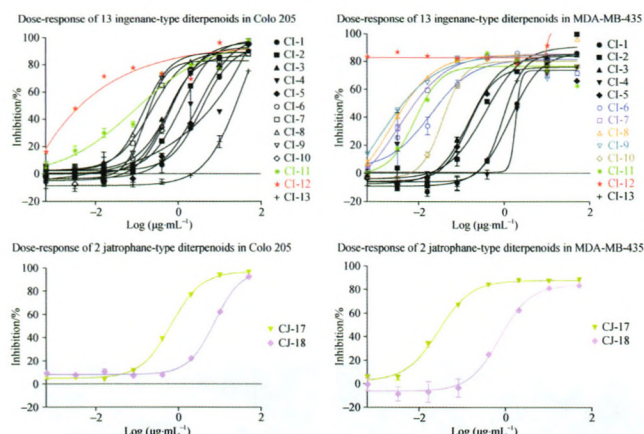


Anti-proliferation activity of terpenoids isolated from *Euphorbia kansui* in human cancer cells and their structure-activity relationship

766-774

HOU Jin-Jun^A, SHEN Yao^A, YANG Zhou, FANG Lin, CAI Lu-Ying, YAO Shuai, LONG Hua-Li, WU Wan-Ying*, GUO De-An*

The structure-activity relationship analysis showed that substituent on position 20 was important for the activity of ingenane-type diterpenoids in Colo205 cells and substituent on position 3 contributed more significant biological activity of the compounds than that on position 5 in both MDA-MB-435 and Colo205 cells.

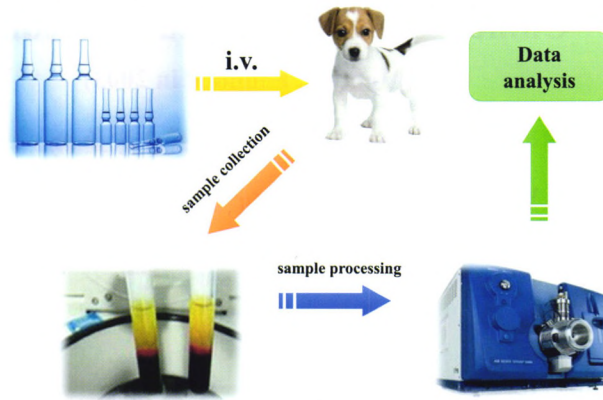


Pharmacokinetics of the prototype and hydrolyzed carboxylic forms of ginkgolides A, B, and K administered as a ginkgo diterpene lactones meglumine injection in beagle dogs

775-784

WANG Shu-Yao, A Ji-Ye, FEI Fei, GENG Jian-Liang, PENG Ying, OUYANG Bing-Chen, WANG Pei, JIN Xiao-Liang, ZHAO Yu-Qing, WANG Jian-Kun, GENG Ting, LI Yan-Jing, HUANG Wen-Zhe, WANG Zhen-Zhong, XIAO Wei*, WANG Guang-Ji*

All of the three forms of the three ginkgolides showed linear exposure of *AUC* to the dosages.

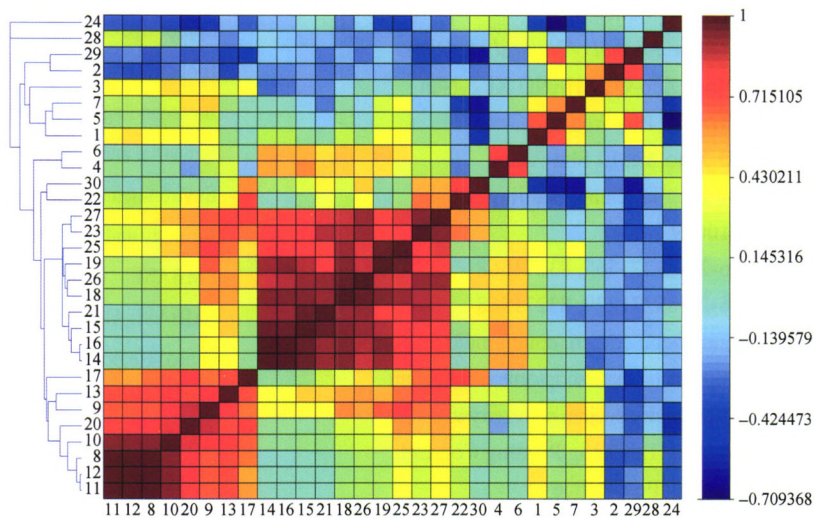


Characterization of molecular signature of the roots of *Paeonia lactiflora* during growth

785-793

LIU Pei, XU Yuan, YAN Hui, CHEN Jing, SHANG Er-Xin, QIAN Da-Wei, JIANG Shu, DUAN Jin-Ao*

The results from the present study would be useful in determination of the suitable time for harvesting *P. lactiflora* roots for medicinal purposes.

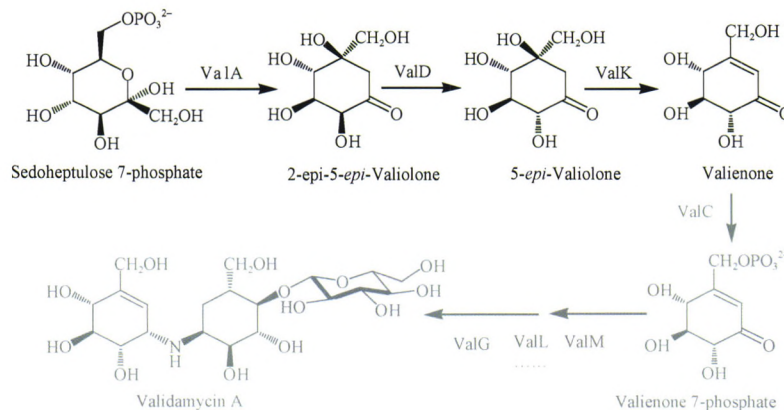


A quantitative analytical method for valienone and its application in the evaluation of valienone production by a breakthrough microbial process

794-800

CUI Li, Karin Yanagi, SHI Ting, LIU Zhang-Min, BAI Lin-Quan*, FENG Yan*

This method successfully helped evaluate the valienone production capability of the engineered *Streptomyces hygroscopicus* 5008 and could be promising for C7-cyclitol profiling of different engineered mutants combined with the metabolomics methods.



[Reference of *CJNM*] CN32-1845/R*2003*m*A4*80*en*P*¥50.00*1500*9*2017-10

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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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