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Purification, structure characterization and antioxidant activity of polysaccharides from *Saposhnikovia divaricata*

MENG Yao, YI Lin, CHEN Lei, HAO Jie, LI Du-Xin, XUE Jie\*, XU Nai-Yu, ZHANG Zhen-Qing\*  
ZHANG Zhen-Qing, Professor from Soochow University. His work focuses on structural elucidation and analytical method development for carbohydrate.



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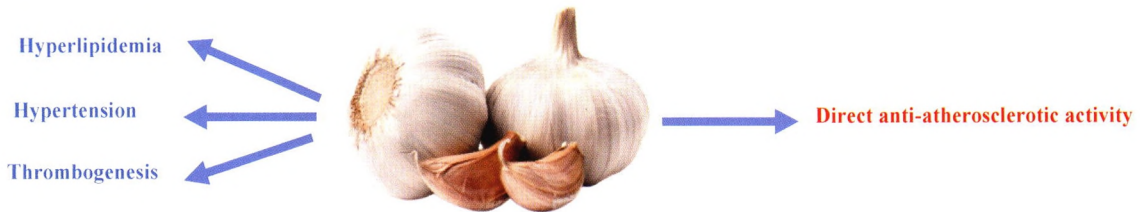
Contents

•Reviews•

**Therapeutic effects of garlic in cardiovascular atherosclerotic disease**

721-728

Igor A. Sobenin, Veronika A. Myasoedova, Maria I. Iltchuk, ZHANG Dong-Wei, Alexander N. Orekhov\*

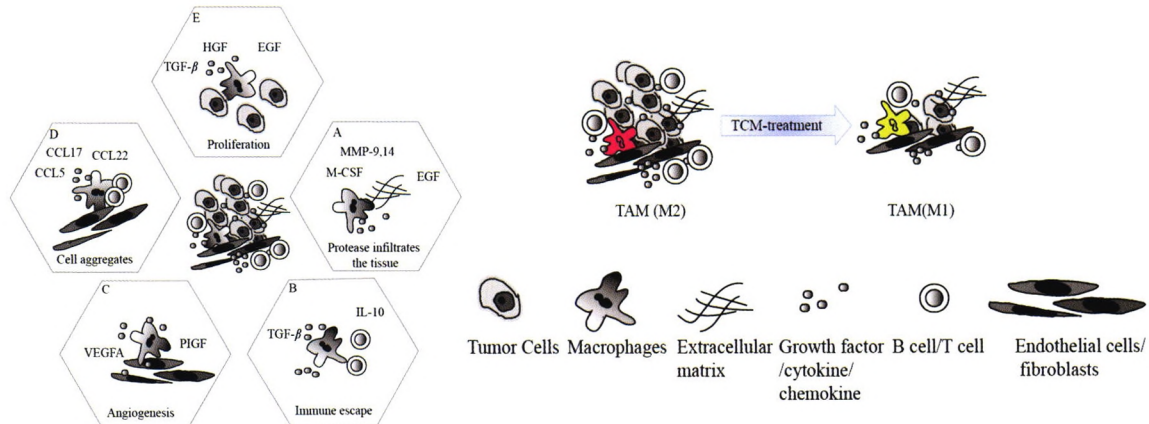


The article discusses the mechanisms of anti-atherosclerotic effects of garlic preparations, focusing on antihyperlipidemic, hypotensive, anti-platelet and direct anti-atherosclerotic activities, and provides an overview of available meta-analyses and a number of clinical trials that assess the beneficial effects of garlic.

**The prognostic impact of traditional Chinese medicine monomers on tumor-associated macrophages in non-small cell lung cancer**

729-737

WAN Liang-Qin, TAN Yan, JIANG Miao\*, HUA Qian\*

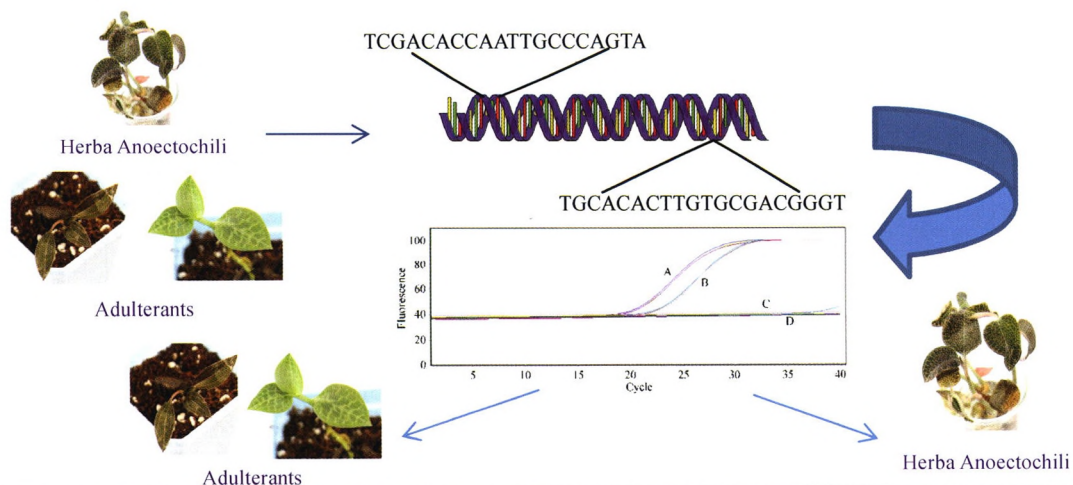


•Research articles•

**DNA barcoding and rapid identification of the precious herb Herba Anoetochili**

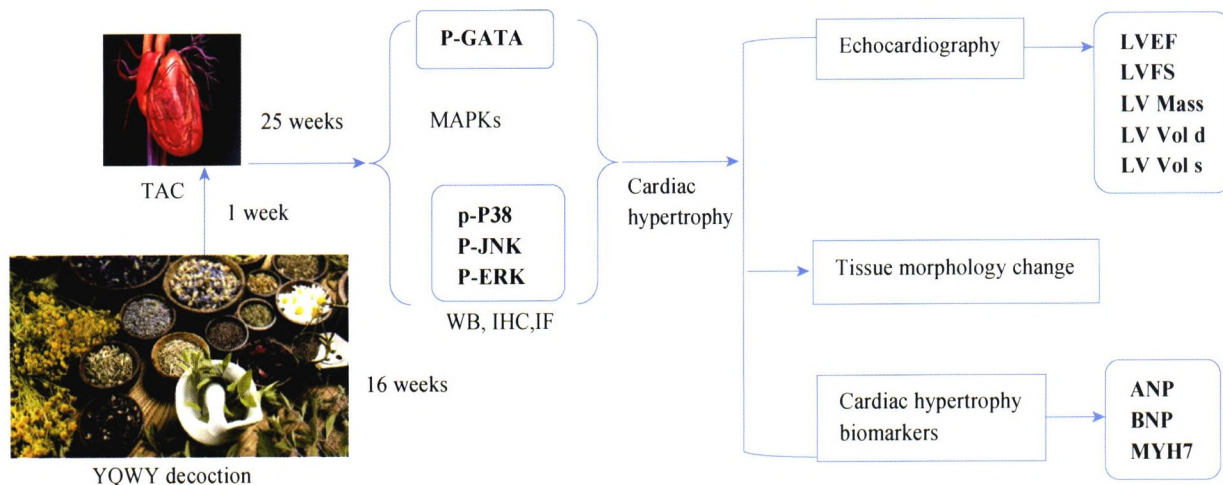
738-745

HU Shuai-Jun, HU Hao-Yu, GAO Han, LIU Xia\*, CHEN Shi-Lin\*



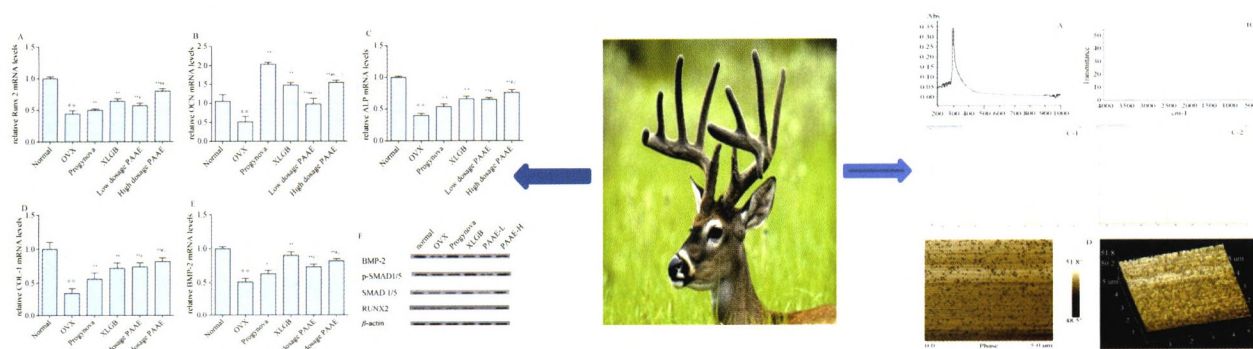
**YQWY decoction reverses cardiac hypertrophy induced by TAC through inhibiting GATA4 phosphorylation and MAPKs 746-755**

HUANG Jing-Jing, XIE Yong, LI He, ZHANG Xiao-Xiao, HUANG Qing, ZHU Yao, GU Ping\*, JIANG Wei-Min\*



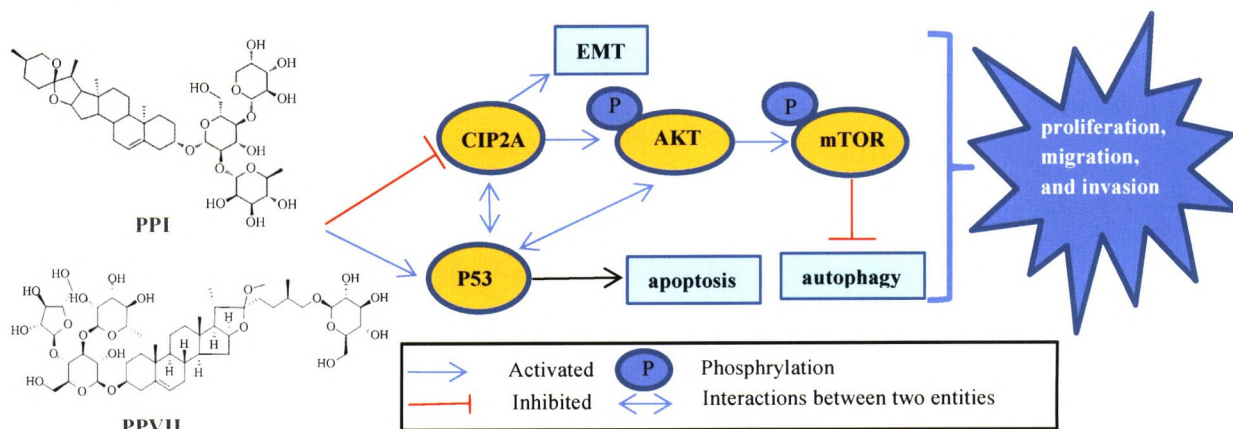
**Pilose antler aqueous extract promotes the proliferation and osteogenic differentiation of bone marrow mesenchymal stem cells by stimulating the BMP-2/Smad1, 5/Runx2 signaling pathway 756-767**

REN Cong, GONG Wei, LI Feng\*, XIE Ming\*



**Inhibitory effects of polyphyllins I and VII on human cisplatin-resistant NSCLC via p53 upregulation and CIP2A/AKT/mTOR signaling axis inhibition 768-777**

FENG Fei-Fei, CHENG Peng, SUN Chao, WANG Hui, WANG Wei\*



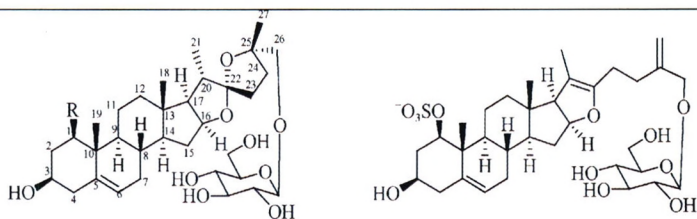
**Steroidal constituents from Helleborus thibetanus and their cytotoxicities 778-784**

LI Yu-Ze, ZHANG Hua-Wei, FAN Hao, LIANG Xiao-Fei, SONG Bei, CHEN Huan, HUANG Wen-Li, YUE Zheng-Gang, SONG Xiao-Mei\*, LIU Jian-Li\*

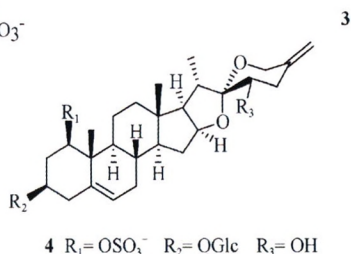




*Helleborus thibetanus*



1 R=OH  
2 R=OSO<sub>3</sub><sup>-</sup>



4 R<sub>1</sub>=OSO<sub>3</sub><sup>-</sup> R<sub>2</sub>=OGlc R<sub>3</sub>=OH

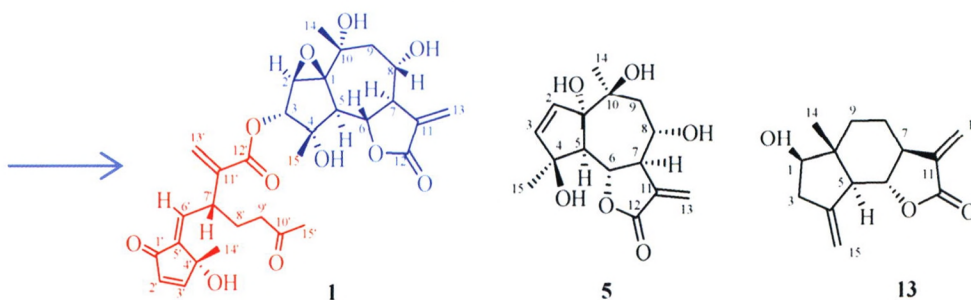
### Monomeric and dimeric sesquiterpene lactones from *Artemisia heptapotamica*

785-791

Zhamilya Abilova, YUAN Jie, Janar Jenis, TANG Chun-Ping, YE Yang\*



*Artemisia heptapotamica*



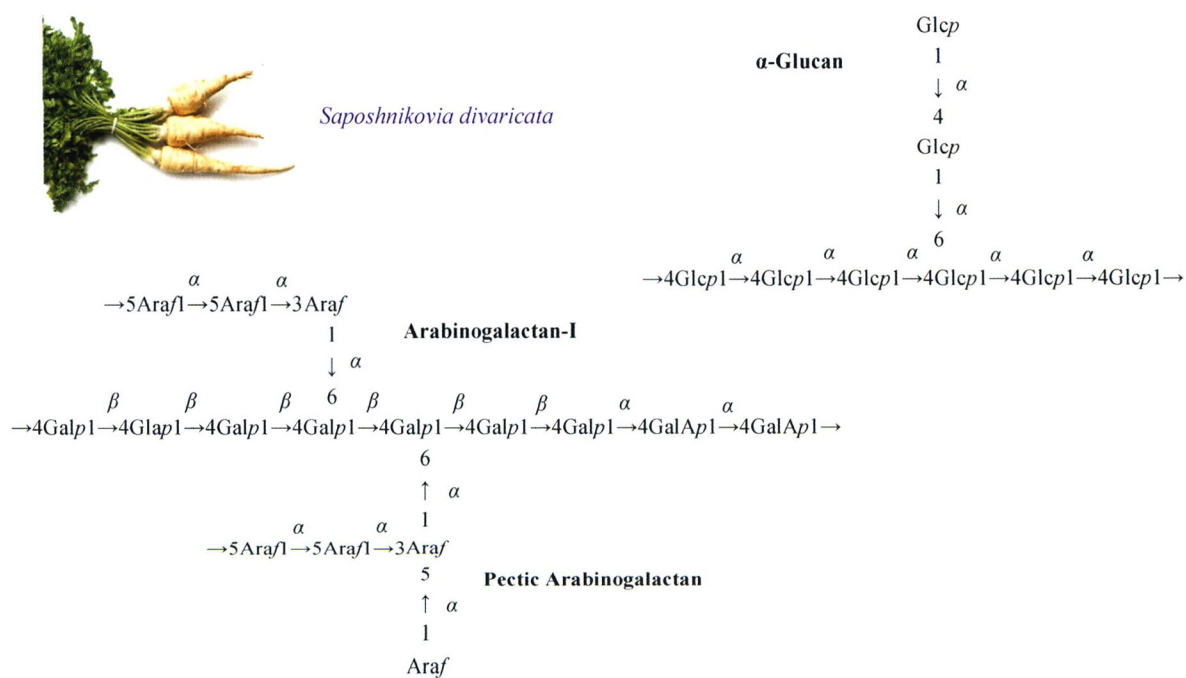
### Purification, structure characterization and antioxidant activity of polysaccharides from *Saposhnikovia divaricata*

792-800

MENG Yao, YI Lin, CHEN Lei, HAO Jie, LI Du-Xin, XUE Jie\*, XU Nai-Yu, ZHANG Zhen-Qing\*



*Saposhnikovia divaricata*





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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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