



# Chinese Journal of Natural Medicines

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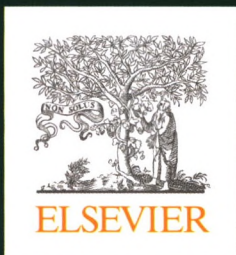
2019 2

Volume 17 Number 2  
February 2019

Progress in active compounds effective on  
ulcerative colitis from Chinese medicines

CAO Si-Yu, YE Sheng-Jie, WANG Wei-Wei,  
WANG Bing, ZHANG Tong, PU Yi-Qiong\*

PU Yi-Qiong, Ph.D, Associate Professor from Shanghai  
University of Traditional Chinese Medicine. Dr. Pu is  
mainly engaged in the pharmaceutical study and new  
drug development from traditional Chinese medicines.



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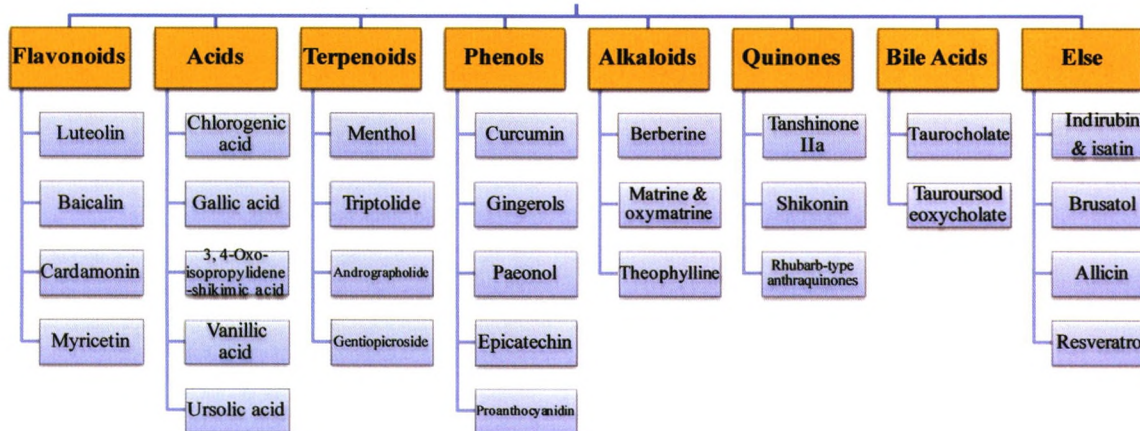
·Review·

Progress in active compounds effective on ulcerative colitis from Chinese medicines

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CAO Si-Yu, YE Sheng-Jie, WANG Wei-Wei, WANG Bing, ZHANG Tong, PU Yi-Qiong\*

Active compounds effective on UC from Chinese medicines



Characteristics of the traditional Liu-Wei-Di-Huang prescription reassessed in modern pharmacology 103-121

CHENG Xiao-Rui, QI Chun-Hui, WANG Tong-Xing, ZHOU Wen-Xia\*, ZHANG Yong-Xiang\*

**Yin nourishing and kidney tonifying**

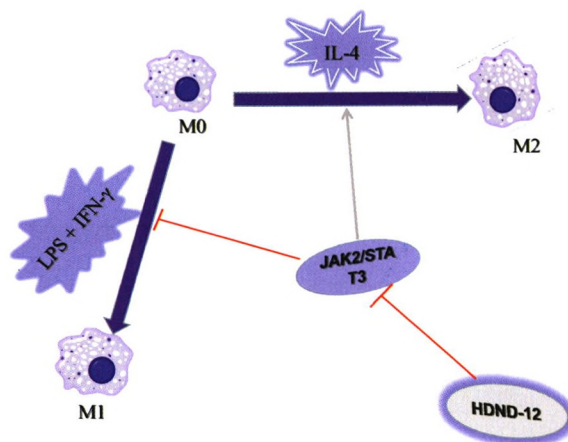
**Liu-Wei-Di-Huang (LW)**

- ✓ Treat deficiency of liver-yin and kidney-yin
- ✓ Osteoporosis and tidal fever
- ✓ Soreness and weakness of waist and knees
- ✓ Dizziness and tinnitus
- ✓ Spermatorrhea
- ✓ Thirst
- ✓ Dripping discharge of urine
- ✓ Night-sweat and spontaneous sweating
- ✓ Emaciation

- Cancer
- Hypertension
- Cognitive dysfunction
- Depression
- Diabetes
- Renal diseases
- Oral dryness
- Cardiovascular disease
- Climacteric syndrome

## Hesperetin derivative-12 (HDND-12) regulates macrophage polarization by modulating 122-130 JAK2/STAT3 signaling pathway

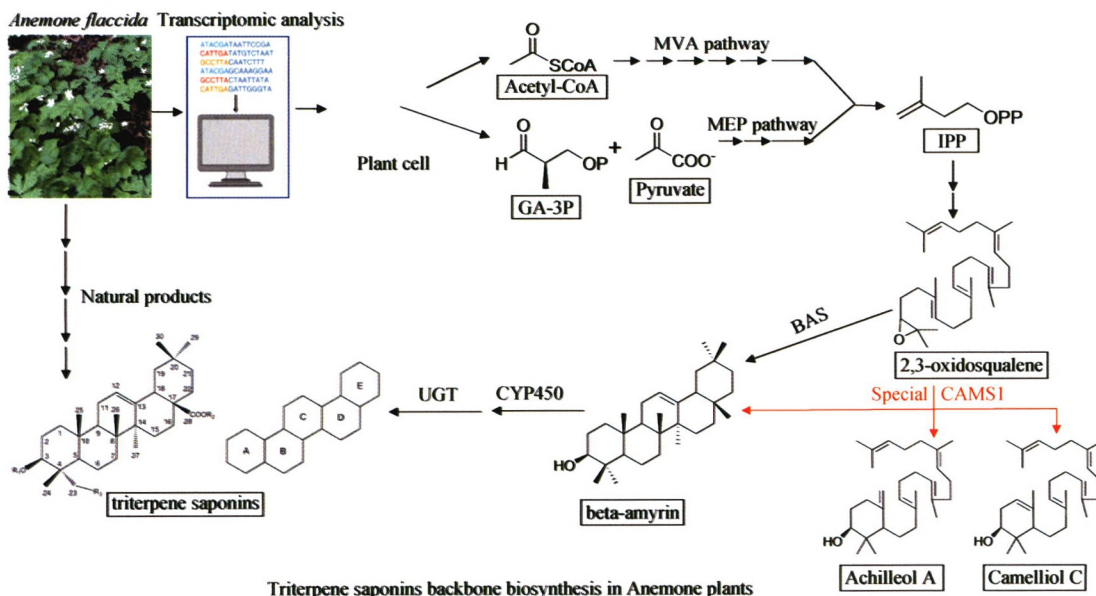
KONG Ling-Na, LIN Xiang, HUANG Cheng, MA Tao-Tao, MENG Xiao-Ming, HU Chao-Jie, WANG Qian-Qian, LIU Yan-Hui, SHI Qing-Ping, LI Jun\*



Proposed model for the regulatorole of HDND-12 on macrophage polarization

## Transcriptomic analysis in *Anemone flaccida* rhizomes reveals ancillary pathway for triterpene 131-144 saponins biosynthesis and differential responsiveness to phytohormones

MO Guo-Yan, HUANG Fang, FANG Yin, HAN Lin-Tao\*, Kayla K. Pennerman, BU Li-Jing, DU Xiao-Wei, Joan W. Bennett, YIN Guo-Hua\*

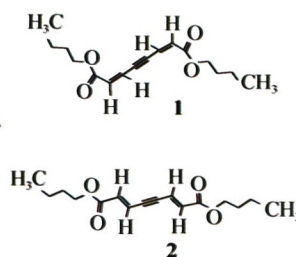
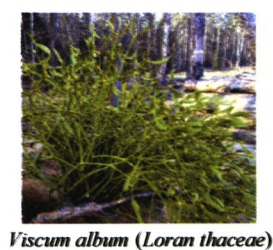


Triterpene saponins backbone biosynthesis in *Anemone* plants

## Two symmetrical unsaturated acids isolated from *Viscum album*

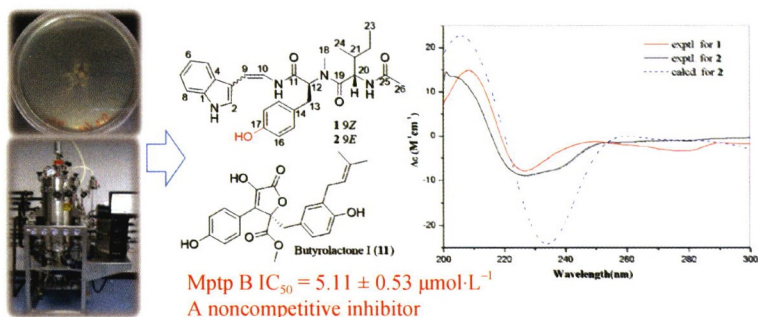
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CAO Duo, WANG Li-Qing, HAN Xiao-Min, GUAN Hui-Rui, LEI Meng, WEI Ya-Hui, CHENG Liang, YANG Pei-Ming\*, SUN Zheng-Liang\*, GAO Wen, DAI Jia-Kun



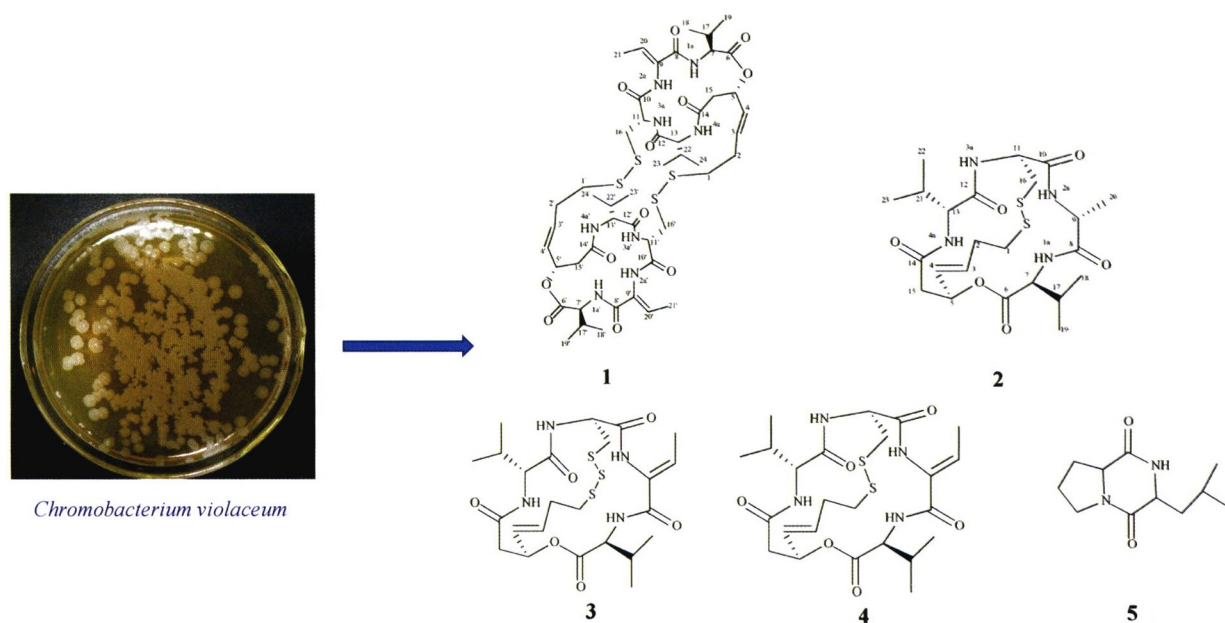
Peptides and polyketides isolated from the marine sponge-derived fungus *Aspergillus terreus* 149-154 SCSIO 41008

LUO Xiao-Wei, LIN Yun, LU Yong-Jun, ZHOU Xue-Feng\*, LIU Yong-Hong\*



Romipeptides A and B, two new romidepsin derivatives isolated from *Chromobacterium violaceum* 155-160 No.968 and their antitumor activities *in vitro*

XIONG Lei, CHEN Chang-Fa, MIN Tao-Ling, HU Hai-Feng\*



Two new romidepsin derivatives (1-2), and three known compounds (3-5) were isolated from the fermentation broth of *Chromobacterium violaceum* No. 968. Compounds 1-4 showed potent anti-proliferative activities against three human cancer cell lines SW620, HL-60 and A549 *in vitro* with  $IC_{50}$  values being  $7.3-42.5 \text{ nmol}\cdot\text{L}^{-1}$ ,  $4.9-21.8 \text{ nmol}\cdot\text{L}^{-1}$  and  $5.3-40.6 \text{ nmol}\cdot\text{L}^{-1}$ , respectively.

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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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- Natural Product Chemistry
- Chemical Analysis and Quality Control
- Pharmacokinetics and Clinical Efficacy
- DNA-based Botanical Authentication
- Medicinal Plant Resource Investigations

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