

# Food & Function

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pp. 3026–3037.

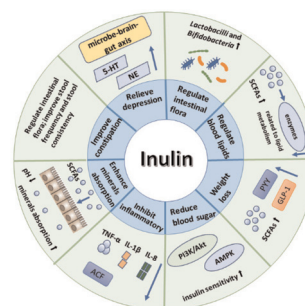
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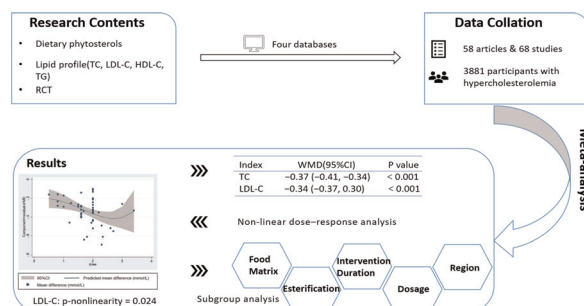
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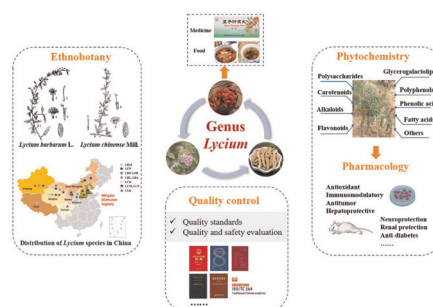


## REVIEWS

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## A comprehensive review on the ethnobotany, phytochemistry, pharmacology and quality control of the genus *Lycium* in China

Zhonglian Yu, Mengqin Xia, Jiping Lan, Li Yang, Zhengtao Wang, Rui Wang, Hongxun Tao and Yanhong Shi\*

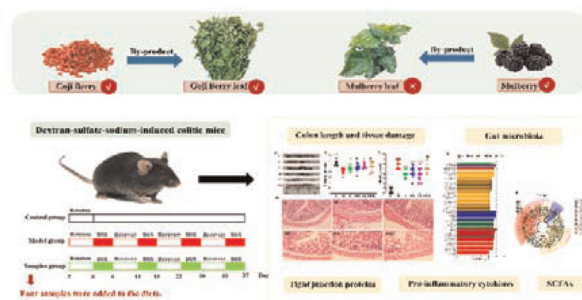


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## Goji berry leaf exerts a comparable effect against colitis and microbiota dysbiosis to its fruit in dextran-sulfate-sodium-treated mice

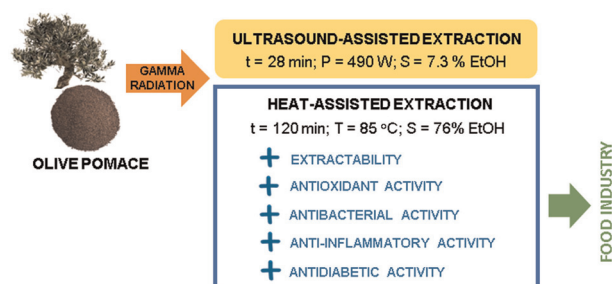
Chengxiao Yu, Yihao Chen, Shokouh Ahmadi, Dongmei Wu, Jiaxiong Wu, Tian Ding, Donghong Liu, Xingqian Ye, Shiguo Chen and Haibo Pan\*



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## Ultrasound-assisted extraction of hydroxytyrosol and tyrosol from olive pomace treated by gamma radiation: process optimization and bioactivity assessment

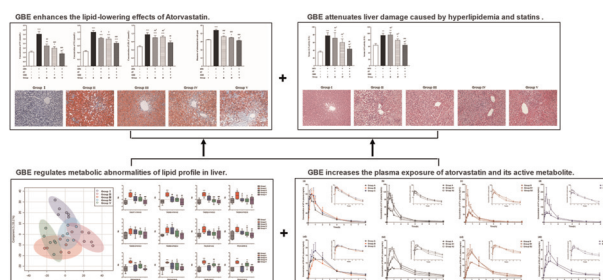
Joana Madureira, Bianca Albuquerque, Maria Inês Dias, José Pinela, Ricardo C. Calheta, Celestino Santos-Buelga, Fernanda M. A. Margaça, Isabel C. F. R. Ferreira, Sandra Cabo Verde\* and Lillian Barros\*



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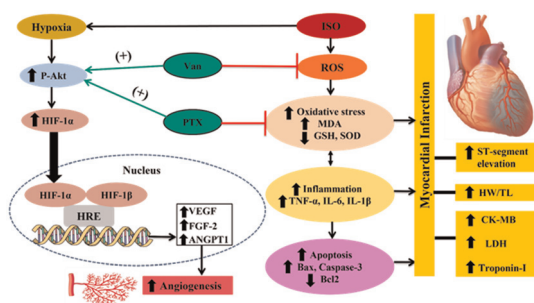
## Effect of *Ginkgo biloba* extract on pharmacology and pharmacokinetics of atorvastatin in rats with hyperlipidaemia

Qingqing Wang, Zihou Liu, Rui Wang, Run Li, Xiaoru Lian, Yanquan Yang, Jiao Yan, Zhiqi Yin, Guangji Wang, Jianguo Sun\* and Ying Peng\*



## PAPERS

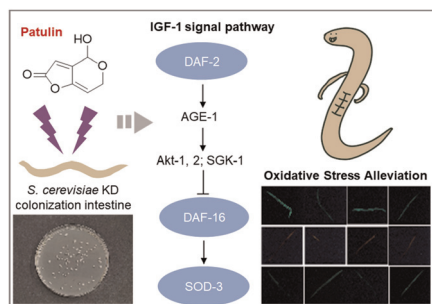
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### Vanillin and pentoxifylline ameliorate isoproterenol-induced myocardial injury in rats via the Akt/HIF-1 $\alpha$ /VEGF signaling pathway

Mohamed M. Elseweidy,\* Sousou I. Ali,  
Mohamed A. Shaheen, Asmaa M. Abdelghafour and  
Sally K. Hammad

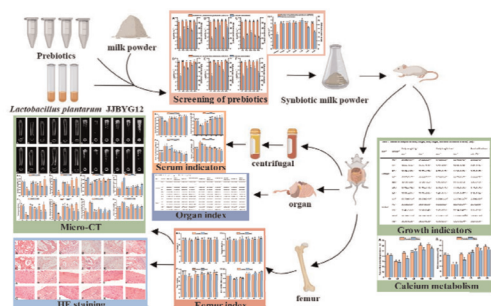
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### *Saccharomyces cerevisiae*: a patulin degradation candidate both *in vitro* and *in vivo*

Ruiyu Zhu, Shuo Shan, Su Zhou, Zhen Chen,  
Yuanfeng Wu, Wei Liao, Chao Zhao\* and Qiang Chu\*

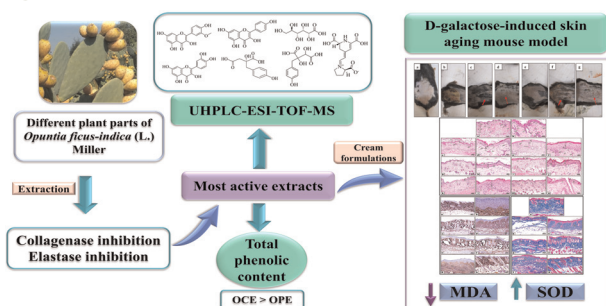
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### Preparation of synbiotic milk powder and its effect on calcium absorption and the bone microstructure in calcium deficient mice

Mingjie Jia, Jiayuan Luo, Bo Gao, Yunpeng Huangfu,  
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### Characterization and anti-aging effects of *Opuntia ficus-indica* (L.) Miller extracts in a D-galactose-induced skin aging mouse model

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Hala Mohamed El Hefnawy and Essam Abdel-Sattar



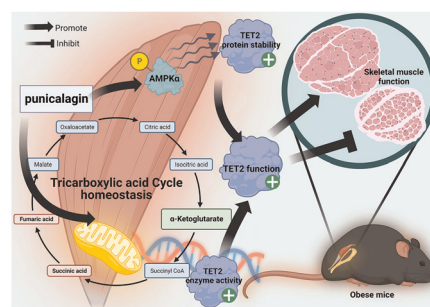


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### Puncicalagin protects against impaired skeletal muscle function in high-fat-diet-induced obese mice by regulating TET2

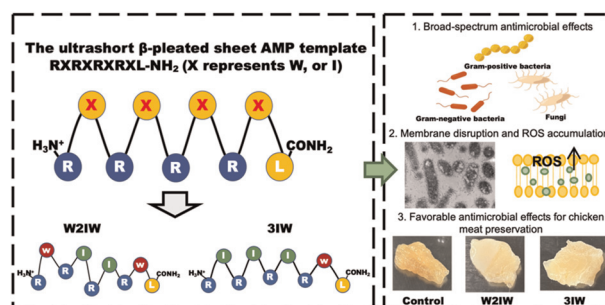
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### Characterization of simplified nonapeptides with broad-spectrum antimicrobial activities as potential food preservatives, and their antibacterial mechanism

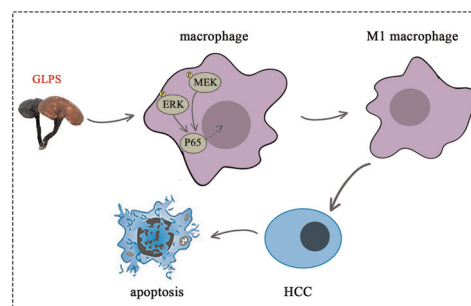
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### The anti-hepatocellular carcinoma effects of polysaccharides from *Ganoderma lucidum* by regulating macrophage polarization via the MAPK/NF-κB signaling pathway

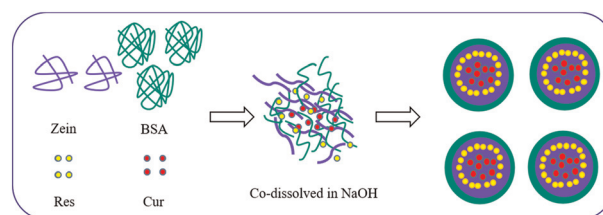
Guo-li Li, Jia-feng Tang, Wen-li Tan, Tao Zhang, Di Zeng, Shuang Zhao, Jian-hua Ran, Jing Li, Ya-ping Wang\* and Di-long Chen\*



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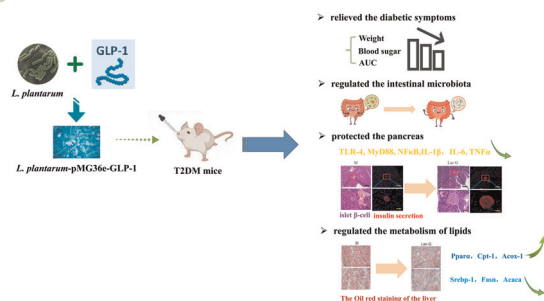
### Co-encapsulation of curcumin and resveratrol in zein-bovine serum albumin nanoparticles using a pH-driven method

Xiao Chen, Chong Yu, Yi Zhang, Yan-Chao Wu,\* Yao Ma and Hui-Jing Li\*



## PAPERS

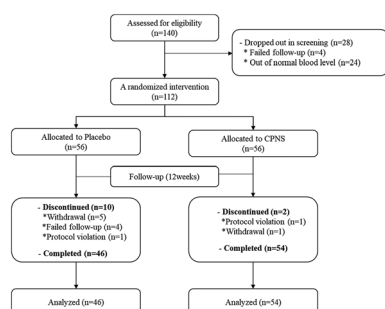
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### Improvement effect of a next-generation probiotic *L. plantarum*-pMG36e-GLP-1 on type 2 diabetes mellitus via the gut-pancreas-liver axis

Hong Hu, Jie Luo, Ying Liu, Hongyu Li, Rui Jin, Shengjie Li, Jing Wei, Hong Wei\* and Tingtao Chen\*

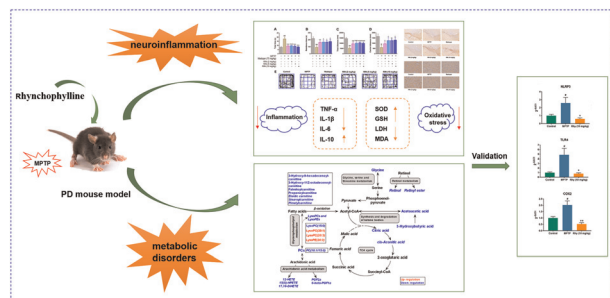
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### Oral intake of collagen peptide NS improves hydration, elasticity, desquamation, and wrinkling in human skin: a randomized, double-blinded, placebo-controlled study

Miyeong Lee, Eunyoung Kim, Hyunwoo Ahn, Seokjun Son and Hyunjun Lee\*

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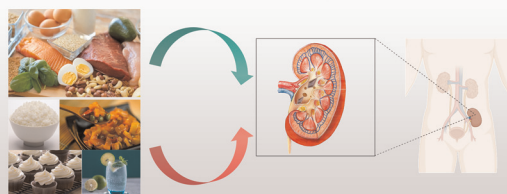


### Rhynchophylline alleviates neuroinflammation and regulates metabolic disorders in a mouse model of Parkinson's disease

Chunxia Zhang, Zhen Xue, Lingmeng Zhu, Jiayu Zhou, Lingxin Zhuo, Jiayi Zhang, Xinchen Zhang, Wenyuan Liu,\* Lingfei Han\* and Wenting Liao\*

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Adherence to a balanced dietary pattern, but not a plant-based diet, was associated with a lower nephrolithiasis risk



Higher unhealthy plant-based diet consumption increased incident nephrolithiasis risk.

### Associations between dietary patterns and nephrolithiasis risk in a large Chinese cohort: is a balanced or plant-based diet better?

Song Bai, Yixiao Zhang, Chuanji Guo, Yashu Liu, Qing Zhang, Li Liu, Shaomei Sun, Xing Wang, Ming Zhou, Qiyu Jia, Kun Song, Tingjing Zhang, Yang Ding, Yuhong Zhao, Kaijun Niu\* and Yang Xia\*

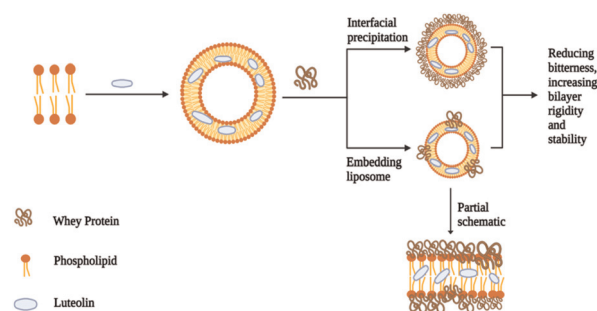


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### Bitterness-masking assessment of luteolin encapsulated in whey protein isolate-coated liposomes

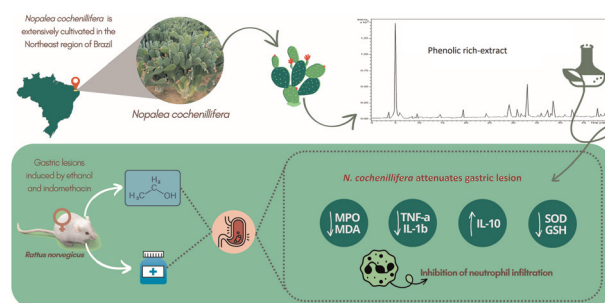
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### Phenolic-rich extract of *Nopalea cochenillifera* attenuates gastric lesions induced in experimental models through inhibiting oxidative stress, modulating inflammatory markers and a cytoprotective effect

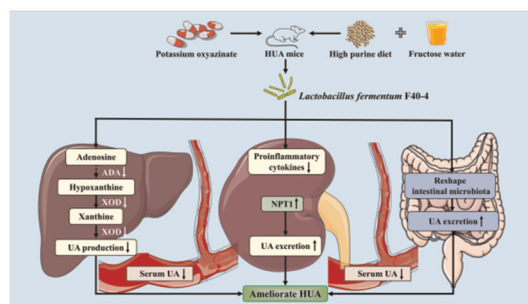
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### *Lactobacillus fermentum* F40-4 ameliorates hyperuricemia by modulating the gut microbiota and alleviating inflammation in mice

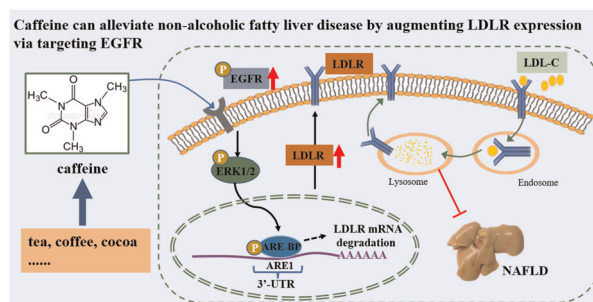
Jiayuan Cao, Ting Wang, Yisuo Liu, Wei Zhou, Haining Hao, Qiqi Liu, Boxing Yin\* and Huaxi Yi\*



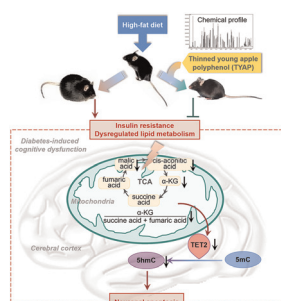
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### Caffeine can alleviate non-alcoholic fatty liver disease by augmenting LDLR expression via targeting EGFR

Ye-Wei Huang, Li-Tian Wang, Meng Zhang, Yan Nie, Jin-Bo Yang, Wen-Luer Meng, Xuan-Jun Wang\* and Jun Sheng\*



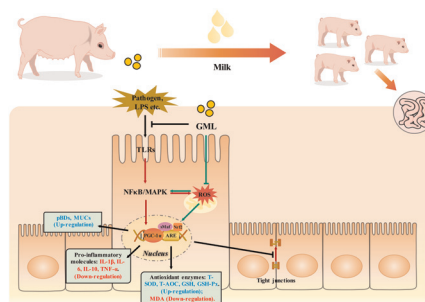
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### Thinned young apple polyphenols may prevent neuronal apoptosis by up-regulating 5-hydroxymethylcytosine in the cerebral cortex of high-fat diet-induced diabetic mice

Qingqing Ma, Jing Gao, Qiang Fan, Tao Yang, Zhuang Zhao, Shuangxi Zhang, Ranrui Hu, Li Cui, Bing Liang, Xiuying Xie, Jiankang Liu\* and Jiang Long\*

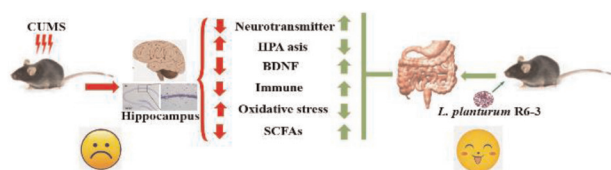
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### Maternal supplementation with glycerol monolaurate improves the intestinal health of suckling piglets by inhibiting the NF-κB/MAPK pathways and improving oxidative stability

Hao Zhao, Min Tian, Liang Xiong, Tongbin Lin, Shuchang Zhang, Xianhuai Yue, Xinghong Liu, Fang Chen, Shihai Zhang\* and Wutai Guan\*

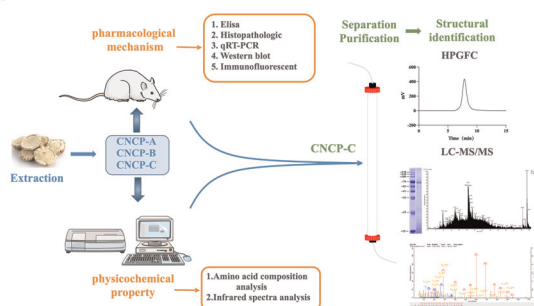
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### Study on *Lactiplantibacillus plantarum* R6-3 from Sayram Kettaki to prevent chronic unpredictable mild stress-induced depression in mice through the microbiota–gut–brain axis

Lina Zhao, Dongyao Li, Bimal Chitrakar, Chen Li, Na Zhang, Shaogang Zhang, Xinyu Wang, Miaoshu Wang, Hongtao Tian\* and Yunbo Luo

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### Pharmacodynamic structure of deer antler base protein and its mammary gland hyperplasia inhibition mechanism by mediating Raf-1/MEK/ERK signaling pathway activation

Shiqing Sun, Kai Zhang, Yuliang Wang, Zijun Zhou, Lihong Wang, Hong Zhao\* and Yu Zhang\*



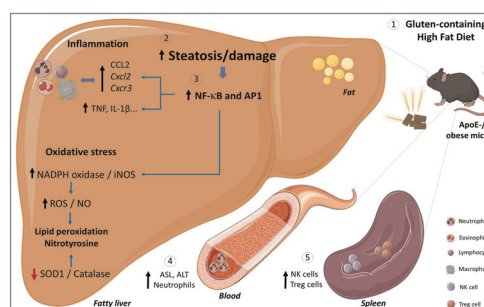


## PAPERS

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### Dietary gluten worsens hepatic steatosis by increasing inflammation and oxidative stress in ApoE<sup>−/−</sup> mice fed a high-fat diet

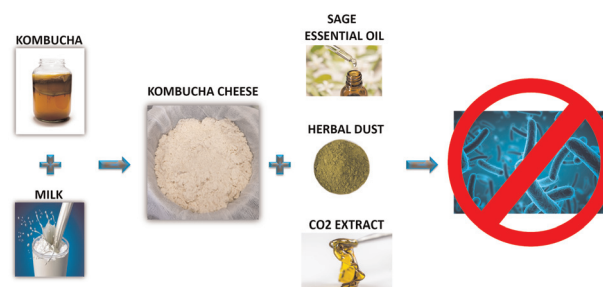
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### Antimicrobial potential of kombucha fresh cheese with the addition of sage (*Salvia officinalis* L.) and its preparations

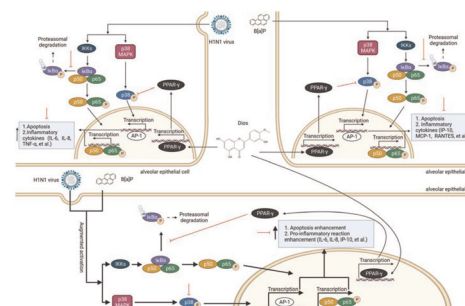
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Beixian Zhou, Linxin Wang, Sushan Yang, Yueyun Liang, Yuehan Zhang, Xiping Pan\* and Jing Li\*



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### In vitro effects of two polysaccharide fractions from Laminaria japonica on gut microbiota and metabolome

Xingyu Lu, Hongtao Xu, Fang Fang, Juncheng Liu, Kaizhang Wu, Yuwei Zhang, Jihong Wu\* and Jie Gao\*

