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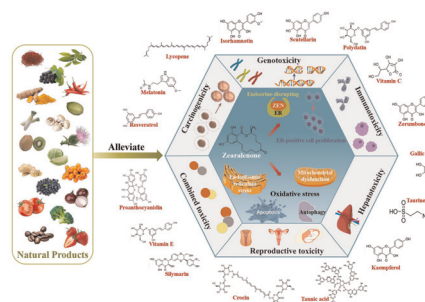
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Toxicity of zearalenone and its nutritional intervention by natural products

Siyuan Jing, Chunmei Liu, Jian Zheng, Zhijian Dong and Na Guo*

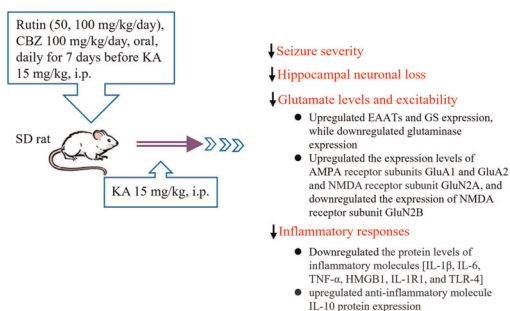


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10401

Rutin prevents seizures in kainic acid-treated rats: evidence of glutamate levels, inflammation and neuronal loss modulation

Anna Chang, Yi Chang and Su-Jane Wang*



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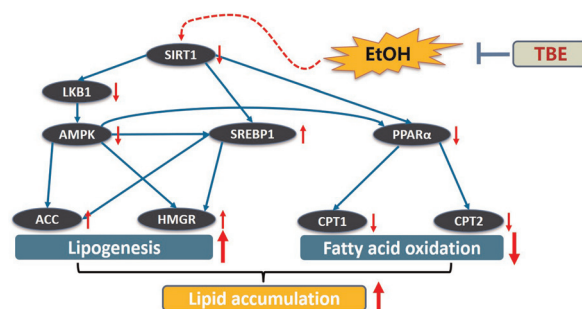
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The important role of glycerophospholipid metabolism in the protective effects of polyphenol-enriched Tartary buckwheat extract against alcoholic liver disease

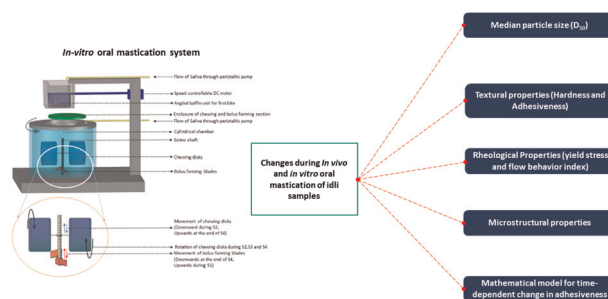
Peng Cao, Yue Wu, Yaping Li, Liping Xiang, Bingyu Cheng, Yixin Hu, Xin Jiang, Zhe Wang, Sanlan Wu, Luqin Si, Qiang Yang, Jian Xu* and Jiangeng Huang*



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A dynamic *in vitro* oral mastication system to study the oral processing behavior of soft foods

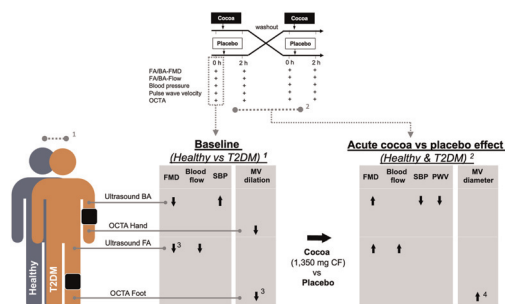
Vijayakumar Raja, S. R. Priyadarshini, J. A. Moses and C. Anandharamakrishnan*



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Cocoa flavanol consumption improves lower extremity endothelial function in healthy individuals and people with type 2 diabetes

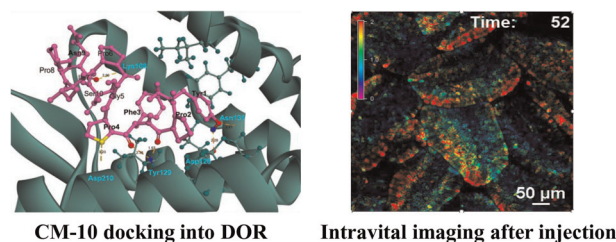
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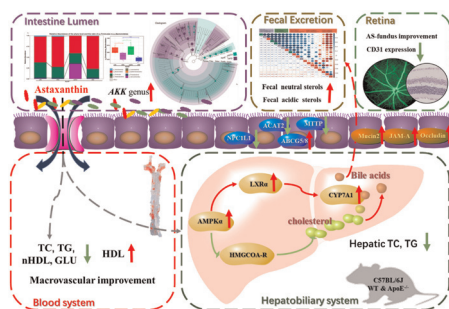
Release of an anti-anxiety peptide in casein hydrolysate with *Aspergillus oryzae* protease

Yui Takeuchi, Moe Fukunaga, Shun Iwatani, Kazuhiko Miyana, Takahiro Adachi and Naoyuki Yamamoto*



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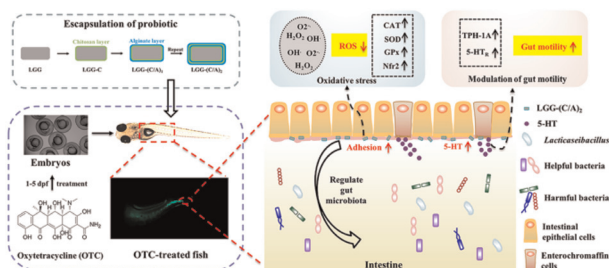
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Dietary astaxanthin-rich extract ameliorates atherosclerosis/retinopathy and restructures gut microbiome in apolipoprotein E-deficient mice fed on a high-fat diet

Dong Liu, Yanglin Ji, Qian Cheng, Yamin Zhu, Haibo Zhang, Yatu Guo, Xiupeng Cao and Hao Wang*

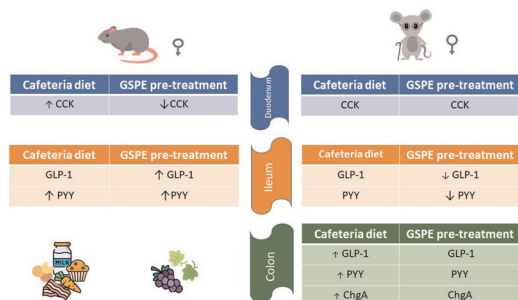
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Probiotic coated with glycol chitosan/alginate relieves oxidative damage and gut dysmotility induced by oxytetracycline in zebrafish larvae

Ju Wang, Lei Wang, Shengnan Shi, Yaqi Cao, Junmei Feng, Changhong Liu* and Lei Zheng*

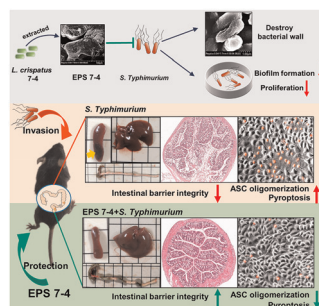
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Differential effects of a cafeteria diet and GSPE preventive treatments on the enterohormone secretions of aged vs. young female rats

Alba Miguéns-Gómez, Marta Sierra-Cruz, Anna Maria Pérez-Vendrell, Esther Rodríguez-Gallego, Raúl Beltrán-Debón, Ximena Terra, Anna Ardévol* and Montserrat Pinent

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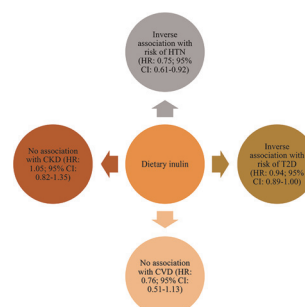


Lactobacillus crispatus-derived exopolysaccharides with antibacterial activity limit *Salmonella typhimurium* invasion by inhibiting inflammasome-mediated pyroptosis

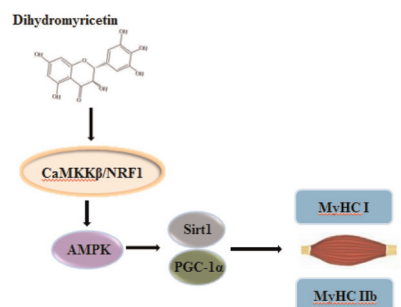
Chenchen Ding, Huixian Wu, Xiuyun Cao, Zhangshan Gao, Zhihui Tang, Wentao Fan, Liping Yan, Bin Liu, Hong Lin and Suquan Song*

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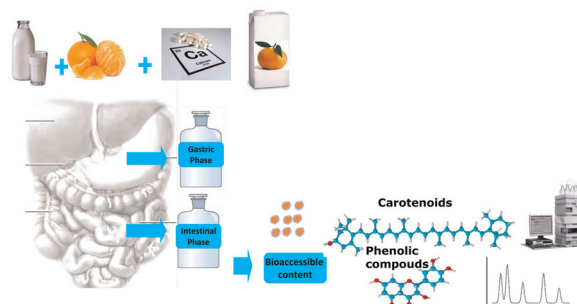
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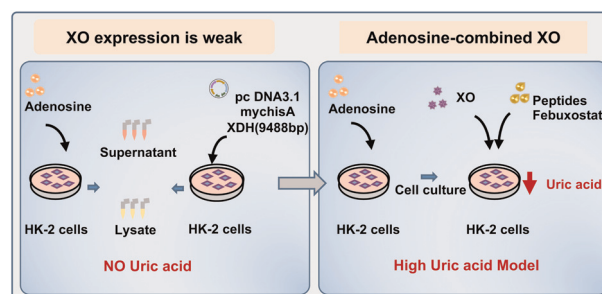
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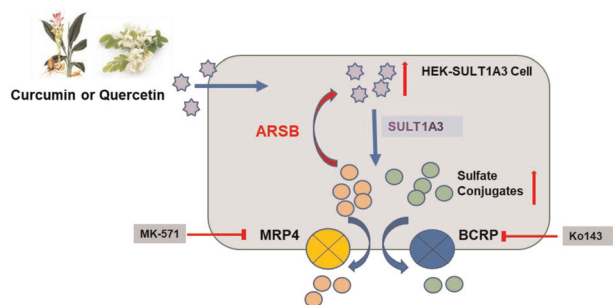
Assessment of *in vitro* bioaccessibility of carotenoids and phenolic compounds in a model milk–mandarine beverageCarla M. Stinco, Ana M. Benítez-González,
Dolores Hernanz* and Isabel M. Vicario

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Jiaoyan Ren*

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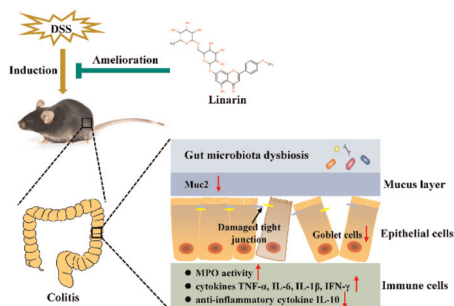
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O-Sulfation disposition of curcumin and quercetin in SULT1A3 overexpressing HEK293 cells: the role of arylsulfatase B in cellular O-sulfation regulated by transporters

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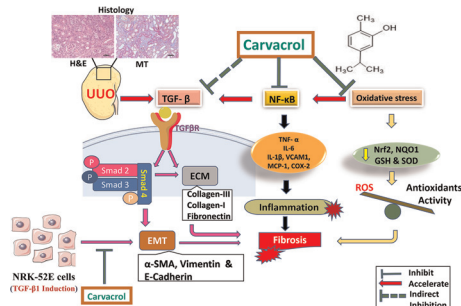
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Linarin ameliorates dextran sulfate sodium-induced colitis in C57BL/6J mice via the improvement of intestinal barrier, suppression of inflammatory responses and modulation of gut microbiota

Chengni Jin, Jiayu Liu, Ruyi Jin, Yanpeng Yao, Silan He, Min Lei and Xiaoli Peng*

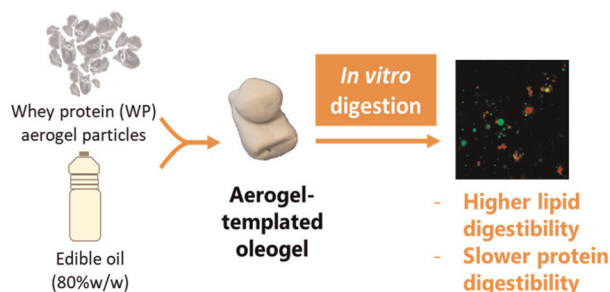
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Carvacrol preserves antioxidant status and attenuates kidney fibrosis via modulation of TGF-β1/Smad signaling and inflammation

Chetan Ram, Shobhit Gairola, Abu Mohammad Syed, Shobhit Verma, Madhav Nilakanth Mugale and Bidya Dhar Sahu*

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Steering protein and lipid digestibility by oleogelation with protein aerogels

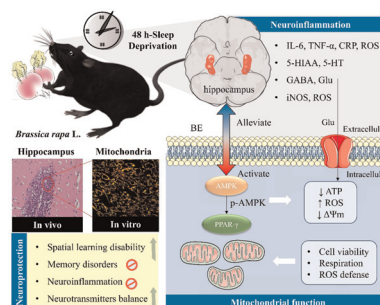
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Brassica rapa L. (Tibetan turnip) prevents sleep-deprivation induced cognitive deficits via the inhibition of neuroinflammation and mitochondrial depolarization

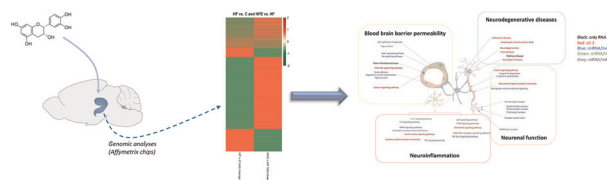
Hongkang Zhu, Cheng Wang, Yuliang Cheng, Yahui Guo, He Qian* and Yu Liu*



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(–)-Epicatechin exerts positive effects on anxiety in high fat diet-induced obese mice through multi-genomic modifications in the hippocampus

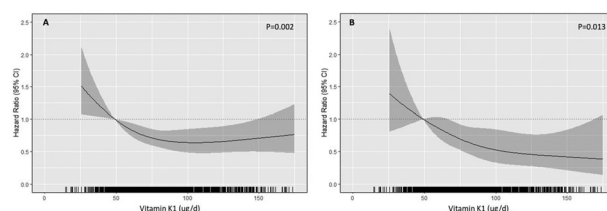
Jiye Kang, Patricia I. Oteiza and Dragan Milenkovic*



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Dietary Vitamin K1 intake is associated with lower long-term fracture-related hospitalization risk: the Perth longitudinal study of ageing women

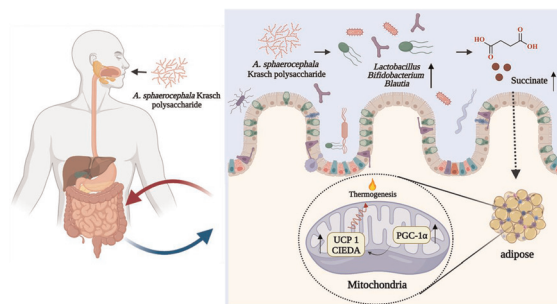
Marc Sim,* Andre Strydom, Lauren C. Blekkenhorst, Nicola P. Bondonno, Rachel McCormick, Wai H. Lim, Kun Zhu, Elizabeth Byrnes, Jonathan M. Hodgson, Joshua R. Lewis and Richard L. Prince



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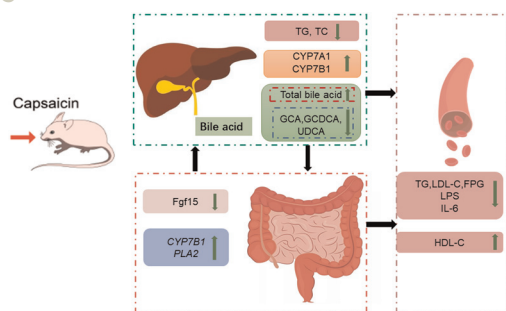
Artemisia sphaerocephala Krasch polysaccharide promotes adipose thermogenesis and decreases obesity by shaping the gut microbiota

Xiaoqian Zeng, Daoyuan Ren,* Donglu Li, Haiping Du and Xingbin Yang*



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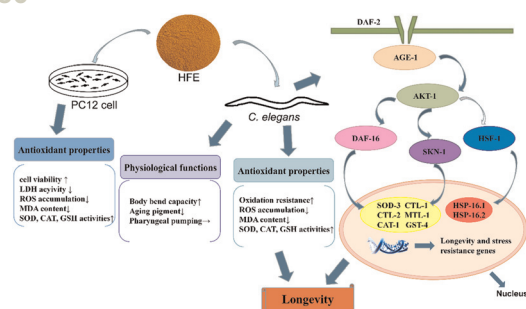
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Capsaicin regulates dyslipidemia by altering the composition of bile acids in germ-free mice

Ting Gong, Chuangen Li, Shiqiang Li, Xiaojuan Zhang, Zhongming He, Xianhong Jiang, Qiuyue He, Rongjuan Huang, Yong Wang* and Xiong Liu*

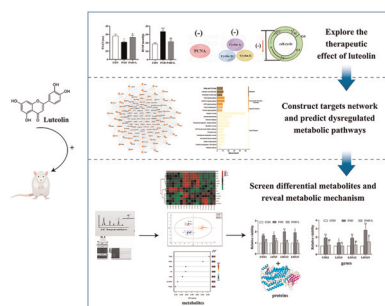
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Hawthorn fruit extract ameliorates H₂O₂-induced oxidative damage in neuronal PC12 cells and prolongs the lifespan of *Caenorhabditis elegans* via the IIS signaling pathway

Xinxin Wang, Xin Li, Luyi Li, Xu Yang,* Jilite Wang, Xiaozhi Liu, Jingnan Chen, Suwen Liu, Nan Zhang,* Jing Li* and Hao Wang*

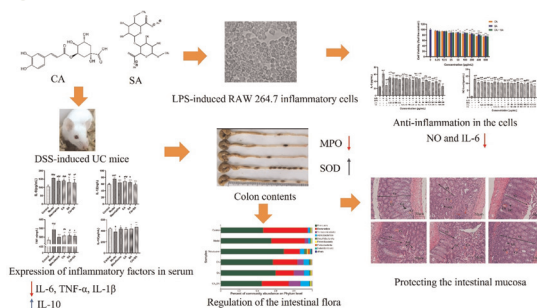
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Targeted metabolomics combined with network pharmacology to reveal the protective role of luteolin in pulmonary arterial hypertension

Kexin Song, Qingya Duan, Jiping Ren, Jie Yi, Hong Yu, Haixia Che, Chunjuan Yang, Xiaotong Wang and Qian Li*

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The combination of sodium alginate and chlorogenic acid enhances the therapeutic effect on ulcerative colitis by the regulation of inflammation and the intestinal flora

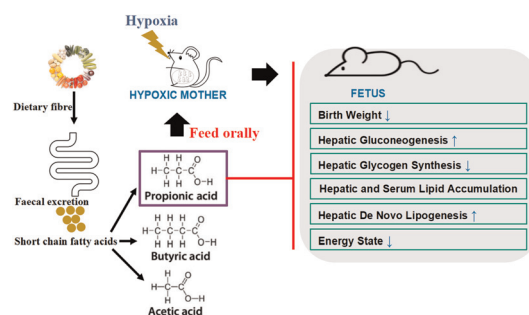
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Maternal propionate supplementation ameliorates glucose and lipid metabolic disturbance in hypoxia-induced fetal growth restriction

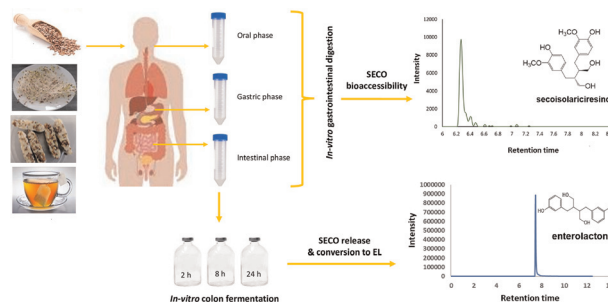
Dan Chen, Ying-ying Wang, Sheng-peng Li, Hui-min Zhao, Feng-juan Jiang, Ya-xian Wu, Ying Tong and Qing-feng Pang*



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In vitro gastrointestinal bioaccessibility and colonic fermentation of lignans from fresh, fermented, and germinated flaxseed

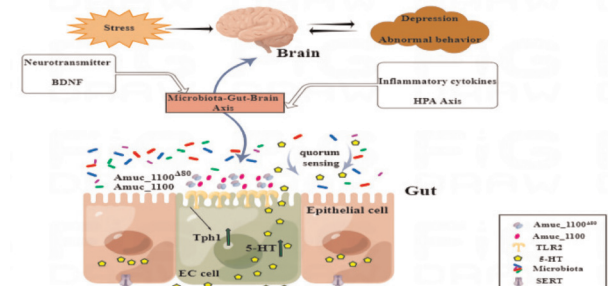
Umi Kalsum Hussain Zaki, Christos Fryganis, Laura Trijsburg, Edith J. M. Feskens and Edoardo Capuano*



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The modified outer membrane protein Amuc_1100 of *Akkermansia muciniphila* improves chronic stress-induced anxiety and depression-like behavior in mice

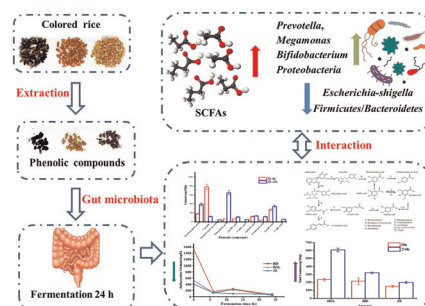
Rongrong Cheng, Haiyan Zhu, Yan Sun, Tianrong Hang and Min Zhang*



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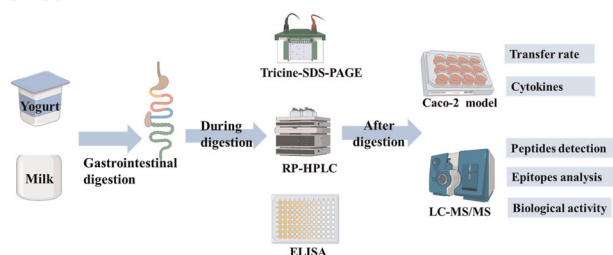
Gut microbiota derived structural changes of phenolic compounds from colored rice and its corresponding fermentation property

Meng Jia, Dengdeng Li, Rui Wang, Anqi Wang, Padraig Strappe, Qinghai Wu, Wenting Shang, Xuanyu Wang, Min Zhuang, Chris Blanchard and Zhongkai Zhou*



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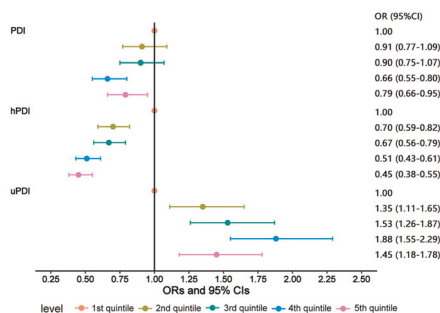
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Allergenicity evaluation of peptides from milk and yogurt after gastrointestinal digestion based on epitopes

Meijia Huang, Hongkai Tan, Ziyi Xiong, Wei Hu, Yong Wu, Xuanyi Meng, Hongbing Chen and Xin Li*

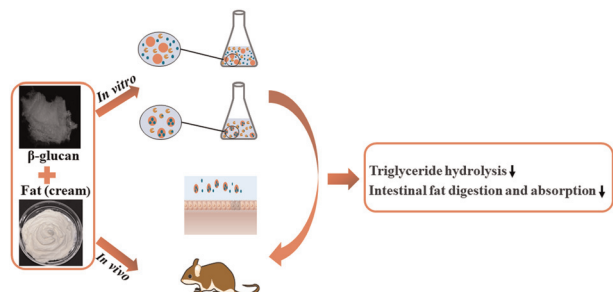
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Association of plant-based dietary patterns with the risk of colorectal cancer: a large-scale case-control study

Batubayan Wu, Ruo-Lin Zhou, Qing-Jian Ou, Yu-Ming Chen, Yu-Jing Fang* and Cai-Xia Zhang*

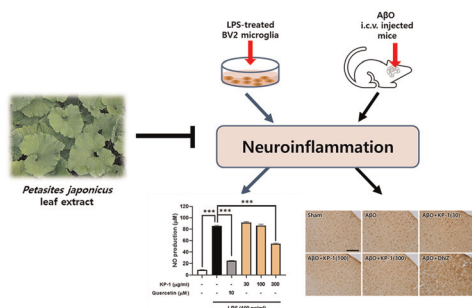
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Reduction of intestinal fat digestion and absorption by β -glucan secreted by *Rhizobium pusense* via interference in triglyceride hydrolysis

Bin Zhang, Zhenna Zhang, Dong Song, Xiaomei Lyu* and Wei Zhao*

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Petasites japonicus leaf extract inhibits Alzheimer's-like pathology through suppression of neuroinflammation

Hyeyoon Eo, Seungmin Lee, Seong Hye Kim, In Gyoung Ju, Eugene Huh, Jeongin Lim, Sangsu Park and Myung Sook Oh*

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Short-term serum and urinary changes in sex hormones of healthy pre-pubertal children after the consumption of commercially available whole milk powder: a randomized, two-level, controlled-intervention trial in China

Jieshu Wu, Xi Shi, Man Zhang, Xiaolong Lu, Rui Qin, Manli Hu and Zhixu Wang*

