

Food & Function

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ISSN 2042-650X CODEN FFOUAI 15(13) 6771-7240 (2024)



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See Jike Lu, Juanjuan Yi *et al.*, pp. 6900–6913.

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See Jinyue Sun, Ningyang Li, Chao Liu *et al.*, pp. 6914–6928.

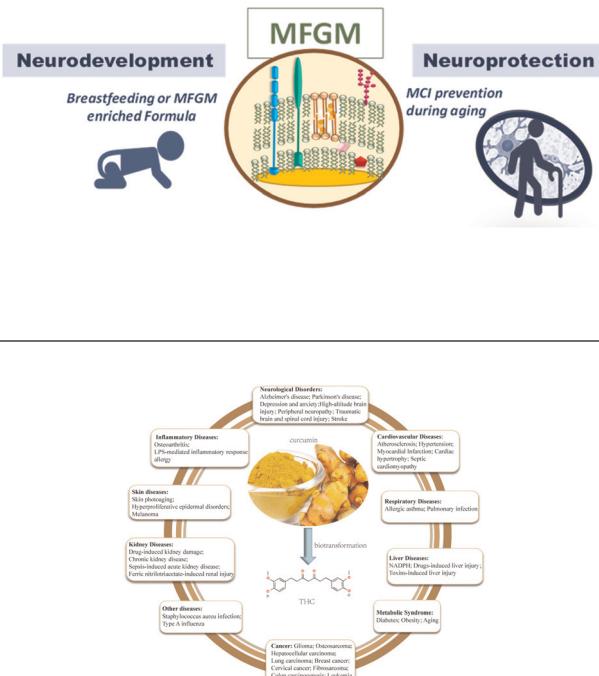
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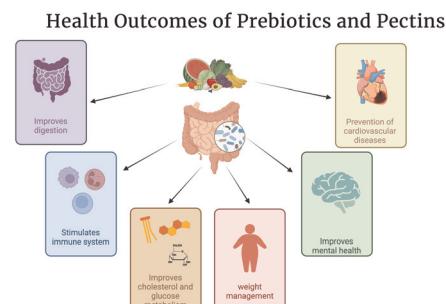


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Comparative analysis of pectin and prebiotics on human microbiota modulation in early life stages and adults

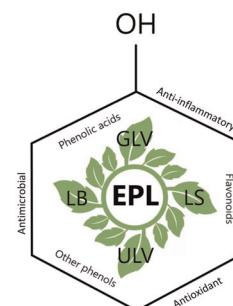
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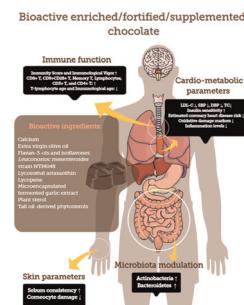
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A systematic review of randomized controlled trials on the health effects of chocolate enriched/fortified/supplemented with functional components

Oleg Frumuzachi, Mihai Babotă,* Corneliu Tanase and Andrei Mocan

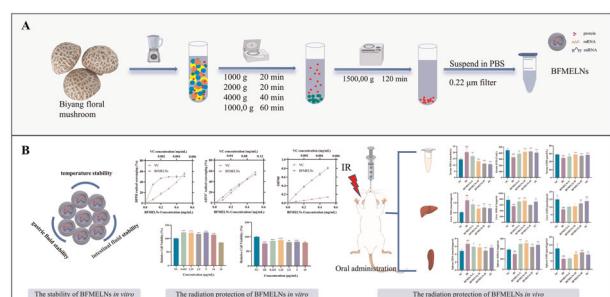


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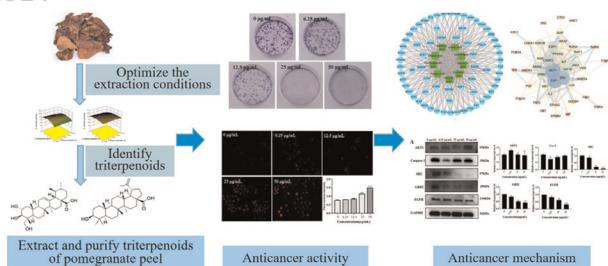
Biyang floral mushroom-derived exosome-like nanovesicles: characterization, absorption stability and ionizing radiation protection

Yunying Ling, Xue Li, Hang Gao, Yongqi Liu, Yingxin Liu, Jie Zheng, Jiaqing Zhu, Changcheng Zhao, Yanling Shi, Jike Lu* and Juanjuan Yi*

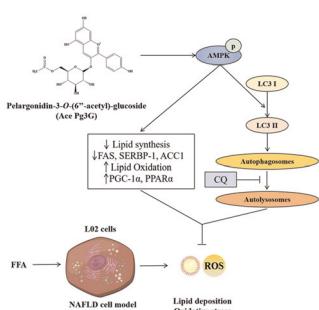


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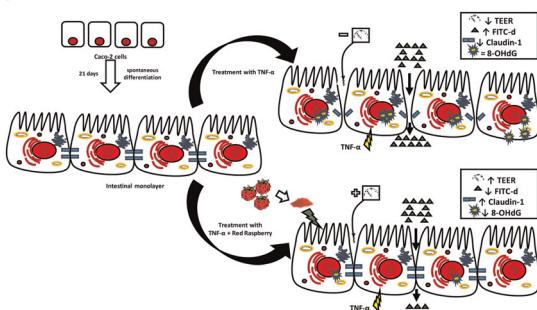
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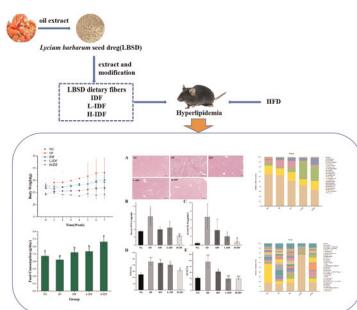
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Extraction, purification and anticancer activity studies on triterpenes from pomegranate peel

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Acetylated pelargonidin-3-O-glucoside alleviates hepatocyte lipid deposition through activating the AMPK-mediated lysosome-autophagy pathway and redox state

Lianghua Xie, Xin Hao, Jiahong Xie, Jianling Mo, Changzheng Yuan* and Wei Chen*

Red raspberry (*Rubus idaeus*) preserves intestinal barrier integrity and reduces oxidative stress in Caco-2 cells exposed to a proinflammatory stimulus

Mirko Marino, Marco Rendine, Samuele Venturi, Marisa Porrini, Claudio Gardana, Dorothy Klimis-Zacas, Patrizia Riso and Cristian Del Bo*

Carboxymethylated *Lycium barbarum* seed dred dietary fiber alleviates high fat diet-induced hyperlipidemia in mice via intestinal regulation

Jian-Guo Zhang, Ying Zhang, Gang Yang, Wang-Wei Zhang, Kiran Thakur, Zhi-Jing Ni and Zhao-Jun Wei*

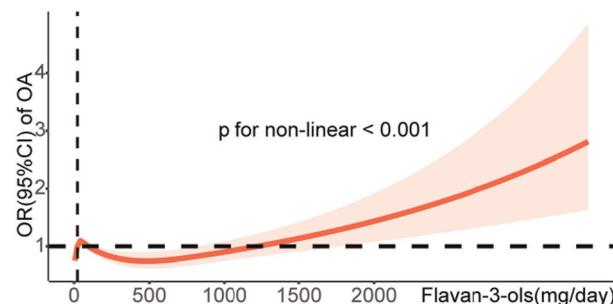


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Flavan-3-ol monomers intake is associated with osteoarthritis risk in Americans over 40 years of age: results from the National Health and Nutritional Examination Survey database

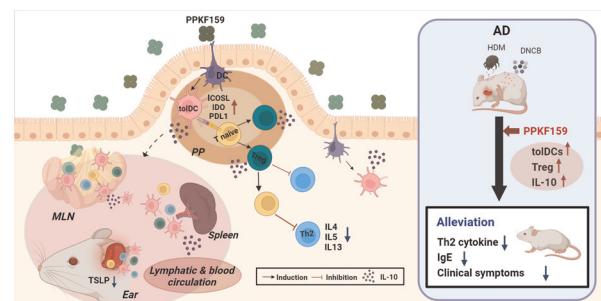
Donghui Zhao, Shasha Shen, Yi Guo, Yu Wang, Chonghao Gu, Bingqing Guo and Tao Jiang*



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***Pediococcus pentosaceus* KF159 alleviates house dust mite-induced atopic dermatitis by promoting IL10 production and regulatory T cell induction**

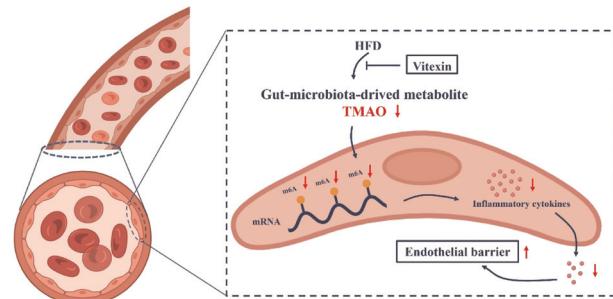
Ji-Eun Eom, Dong-Uk Shin, Gun-Dong Kim, Jung-Hoon Yoon, Hee Soon Shin* and So-Young Lee*



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Protective effect of vitexin against high fat-induced vascular endothelial inflammation through inhibiting trimethylamine N-oxide-mediated RNA m6A modification

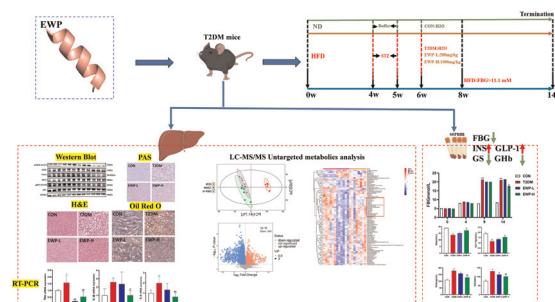
Wenwen Li, Zeyuan Deng, Shuang Xiao, Qian Du, Mengru Zhang, Hailing Song, Caidong Zhao and Liufeng Zheng*



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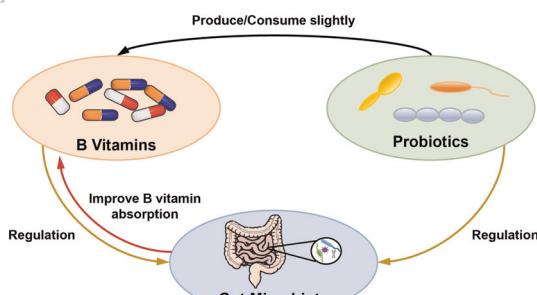
Egg white-derived peptides reduced blood glucose in high-fat-diet and low-dose streptozotocin-induced type 2 diabetic mice via regulating the hepatic gluconeogenic signaling and metabolic profile

Xinyi Cao, Liang Chen, Kun Lu, Tingqing Yu, Hui Xia, Shaokang Wang, Guiju Sun, Ping Liu and Wang Liao*



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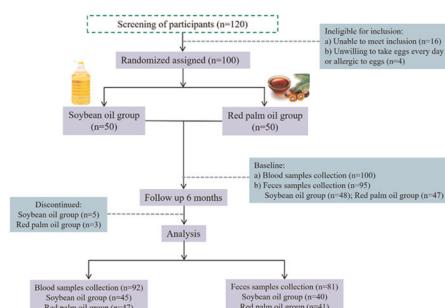
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The combined use of B vitamins and probiotics promotes B vitamin absorption and increases *Akkermansia* abundance

Lan Sang, Shuyu Yang, Ying Zhu, Zhigang Zhu, Binrui Yang, Ziguang Li, Xin Mao, Siling Chen, Chengsi Li, Jun Du, Xiao Zheng, Hua He,* Jianheng Zheng* and Yin Huang*

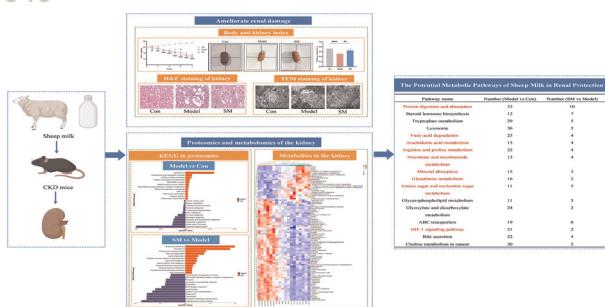
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Effects of long-term intake of carotenoid-enriched eggs on healthy people: a randomized controlled study

Yifei Lu, Yoong Jun Hao, Xin Zhou, Feilin Huang, Chao Li, Jiao Wang, Zhiyue Miao, Shiqing Chen, Yihan Zhang, Zhenyu Pan, Shiyu Yin, Ying Li* and Guiju Sun*

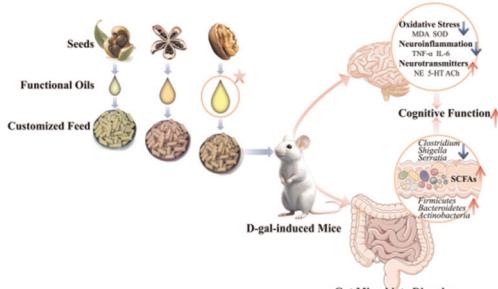
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Multi-omics analysis of kidney tissue metabolome and proteome reveals the protective effect of sheep milk against adenine-induced chronic kidney disease in mice

Mengyao Wei, Jiaxin Liu, Xiaofei Wang, Xiaorui Liu, Luyao Jiang, Yue Jiang, Yingtian Ma, Jiangang Wang, Hao Yuan, Xiaopeng An, Yuxuan Song* and Lei Zhang*

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Amelioration of walnut, peony seed and camellia seed oils against D-galactose-induced cognitive impairment in mice by regulating gut microbiota

Ting Kang, Jingyi Zheng, Chao Jiang, Lihua Jin,* Cong Li,* Bang Chen and Yehua Shen*

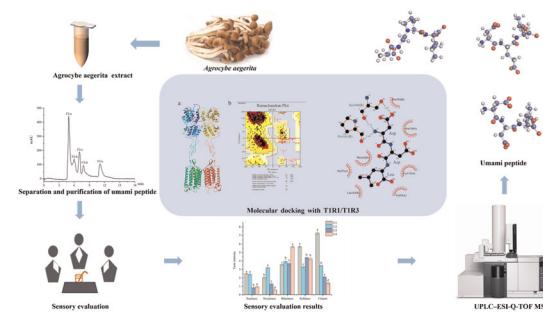


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Investigation of umami peptides and taste mechanisms in *Agrocybe aegerita*: based on sensory evaluation and molecular docking techniques

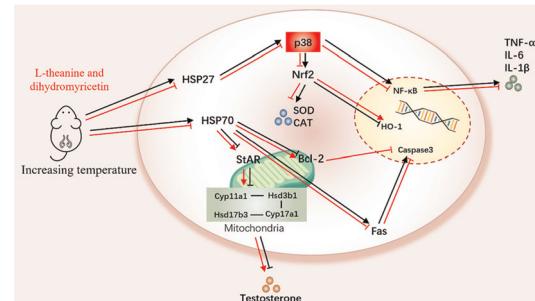
Fan Yang, Rui Cao, Anzhen Fu, Ye Liu* and Shuang Bi*



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Protective effects of L-theanine and dihydromyricetin on reproductive function in male mice under heat stress

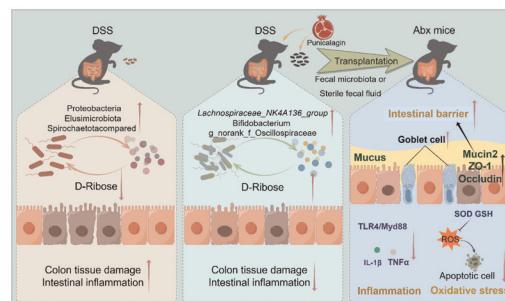
Difei Yang, Kaihang Xu, Wenmao Wang, Peijian Chen, Chao Liu, Sha Liu, Wei Xu and Wenjun Xiao*



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Gut microbiota and D-ribose mediate the anti-colitic effect of punicalagin in DSS-treated mice

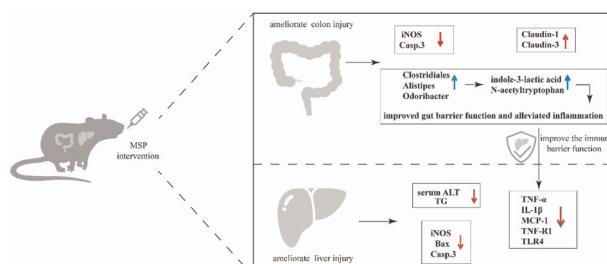
Huanhuan Liu, Chunhong Yan, Yue Teng, Jian Guo, Chencheng Liang and Xiaodong Xia*



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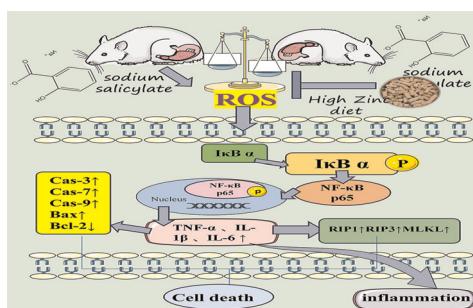
***Musculus senhousei* peptides alleviated alcoholic liver injury via the gut–liver axis**

Chuqiao Xiao, Ruibo Jia, Xiang-Guang Li*, Mouming Zhao*, Wenzhen Liao, Suqing Zhao, Feiran Xu and Fidel Toldrá



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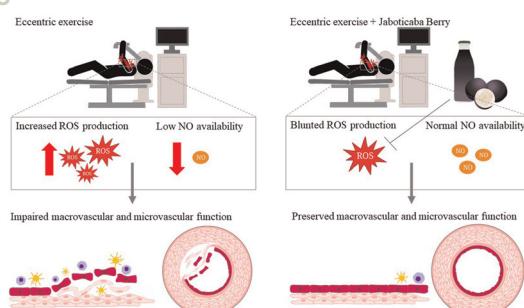
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Zinc supplementation alleviates oxidative stress to inhibit chronic gastritis via the ROS/NF-κB pathway in a mouse model

Xiaoran Sun, Shuang Xu, Tianjing Liu, Jiawei Wu, Jie Yang and Xue-jiao Gao*

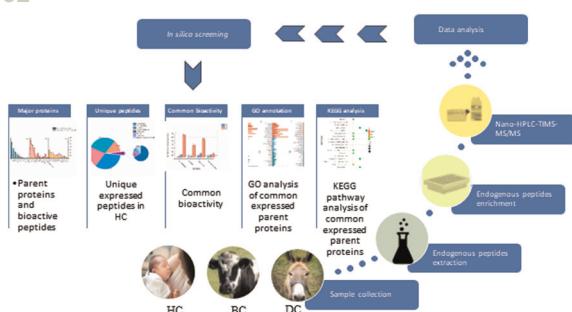
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Jaboticaba berry (*Myrciaria jaboticaba*) supplementation protects against micro- and macrovascular dysfunction induced by eccentric exercise: a randomized clinical trial

Olavo João Frederico Ramos Junior, Isabela Ribeiro Grangeira Tavares, Rayssa Cruz Lima, Carlos Adam Conte-Junior and Thiago Silveira Alvares*

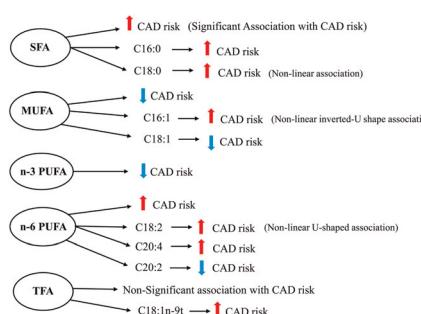
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Peptidome profiling of human, bovine, and donkey colostrum through label-free quantitative analysis reveals proteolysis of milk proteins

Jianting Ning, Jialu Chen, Qing Zhu, Mingyue Shi, Jiali Chen, Xiaoyu Liu, Xue Luo* and Xiqing Yue*

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Fatty acid composition in erythrocytes and coronary artery disease risk: a case-control study in China

Yongjin Wang, Gangcheng Wu, Feng Xiao, Hongming Yin, Le Yu, Yujia Chen, Qayyum Shehzad, Lirong Xu, Hui Zhang, Qingzhe Jin and Xingguo Wang*

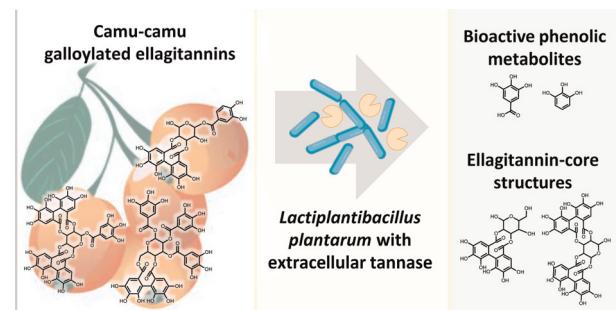


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Biotransformation of camu-camu galloylated ellagitannins by *Lactiplantibacillus plantarum* with extracellular tannase activity

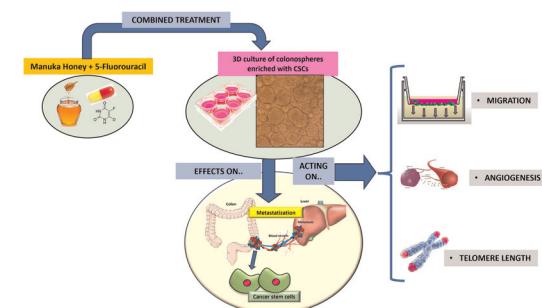
Elena C. Pulido-Mateos, Jacob Lessard-Lord, Yves Desjardins and Denis Roy*



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Manuka honey's anti-metastatic impact on colon cancer stem-like cells: unveiling its effects on epithelial–mesenchymal transition, angiogenesis and telomere length

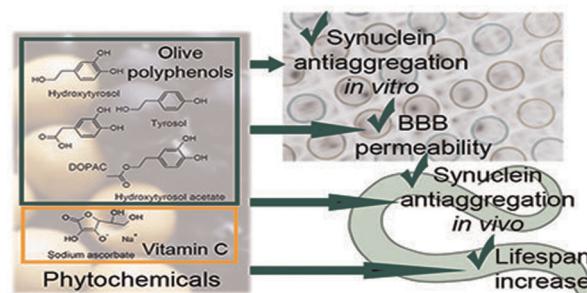
Danila Cianciosi, Tamara Forbes-Hernandez, Yasmany Armas Diaz, Maria Elexpuru-Zabaleta, José L. Quiles, Maurizio Battino* and Francesca Giampieri



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Olive oil tyrosols reduce α -synuclein aggregation *in vitro* and *in vivo* after ingestion in a *Caenorhabditis elegans* Parkinson's model

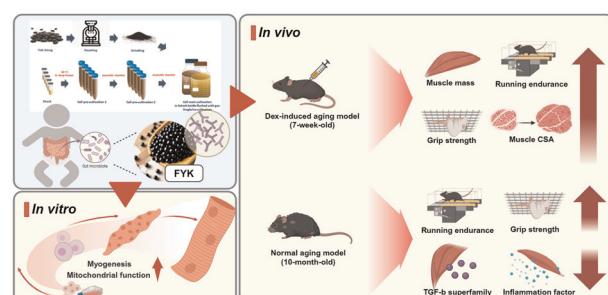
Samanta Hernández-García, Beatriz García-Cano, Pedro Martínez-Rodríguez, Paula Henarejos-Escudero and Fernando Gandia-Herrero*



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Fermented Yak-Kong using *Bifidobacterium animalis* derived from Korean infant intestine effectively relieves muscle atrophy in an aging mouse model

Seung Hee Yang, Hee Yang, Byeong Min Ahn, Sung-Young Lee, Seon Joo Lee, Jin Soo Kim, Young Tae Koo, Chang Hyung Lee, Jong Hun Kim, Jung Han Yoon Park, Young Jin Jang* and Ki Won Lee*



CORRECTION

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Correction: Administering *Lactiplantibacillus fermentum* F6 decreases intestinal *Akkermansia muciniphila* in a dextran sulfate sodium-induced rat colitis model

Qiuwen He, Tao Zhang, Weiqin Zhang, Cuijiao Feng, Lai-Yu Kwok, Heping Zhang and Zhihong Sun*

