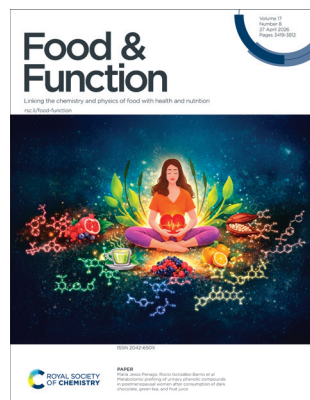


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ISSN 2042-650X CODEN FFOUAI 17(8) 3419-3812 (2026)



### Cover

See María Jesús Periago, Rocío González-Barrio *et al.*, pp. 3484–3498.

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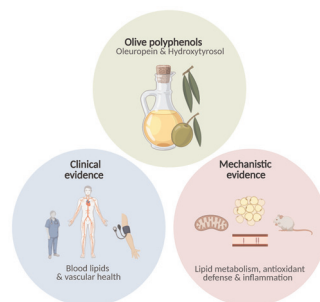
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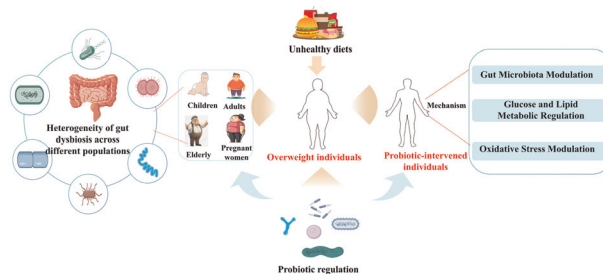
Sanne L. M. van Stratum,\* Yala Stevens and Jogchum Plat\*



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Sen Li, Yao Lu, Qianqian Wang, Wei Zheng, Xinyu Fu, Yingwu Su and Xiao Guan\*



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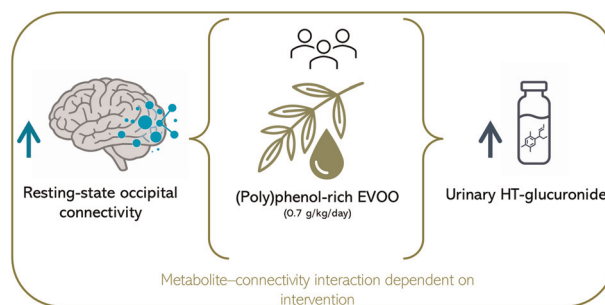
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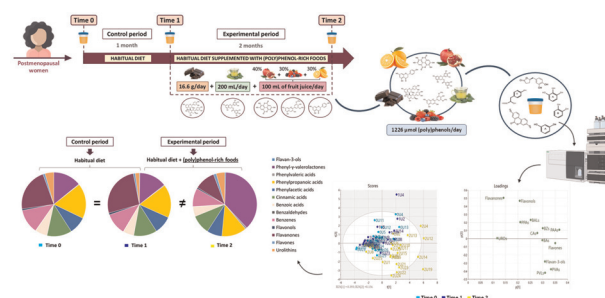


## PAPERS

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### Metabolomic profiling of urinary phenolic compounds in postmenopausal women after consumption of dark chocolate, green tea, and fruit juice

Lorena Sánchez-Martínez, Nicole Tosi, Nicola Luigi Bragazzi, Letizia Bresciani, Daniele Del Rio, María Jesús Periago,\* Pedro Mena and Rocío González-Barrio\*

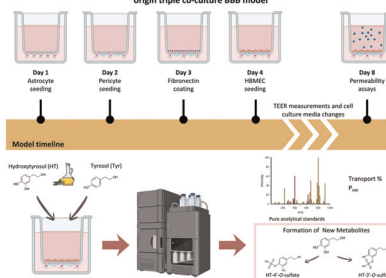


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### Crossing and metabolism of tyrosol and hydroxytyrosol by implementing an *in vitro* blood–brain barrier model of human primary cells

Sonia Gulabrai-Díaz, Blanca Escudero-López, Carmen del Río, Joan Montaner, Marta Berzaghi, Pedro Mena, Ana M Troncoso and Ruth Hornedo-Ortega\*

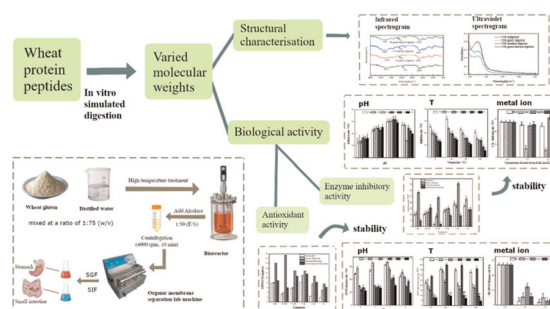
Evaluation of the permeability of tyrosol and hydroxytyrosol by implementing a human-origin triple co-culture BBB model



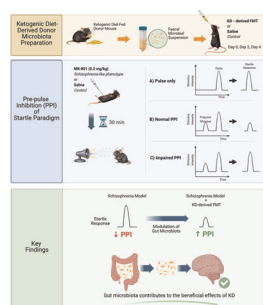
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### Structural activity remodeling of wheat protein peptides during simulated gastrointestinal digestion: insights into antioxidant and enzyme inhibitory functionalities

Siyu Hou, Penghui Zhao, Jianyu Huang, Zhizhi Yang, Yinchen Hou\* and Jicheng Chen\*



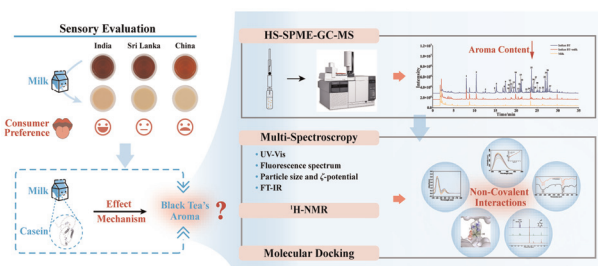
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## Ketogenic diet-derived faecal microbiota transplantation improved sensorimotor gating deficits in an acute NMDA-receptor antagonist model of schizophrenia in mice

Ann-Katrin Kraeuter\* and Zoltan Sarnyai

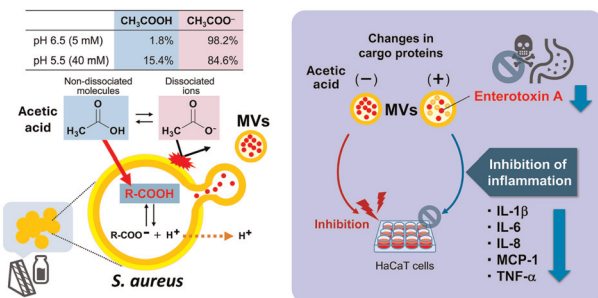
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## Interaction of milk protein and black tea aroma compounds: selectivity, binding mechanism, and theaflavin effect

Wen Li, Mingchun Wen, Lu Li, Xuanrong Huang, Zekai Wang, Chi-Tang Ho,\* Piaopiao Long, Zisheng Han and Liang Zhang\*

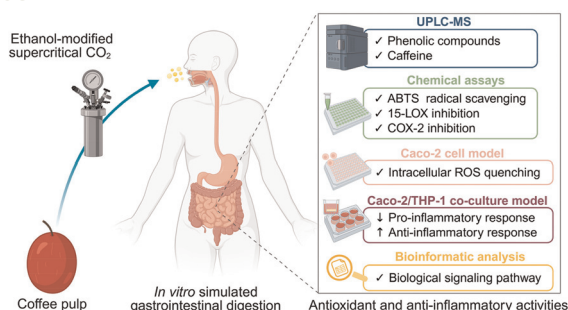
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## Inhibitory effect of acetic acid on the toxicity of *Staphylococcus aureus* and its membrane vesicles

Kasumi Suzuki, Yuko Shimamura and Shuichi Masuda\*

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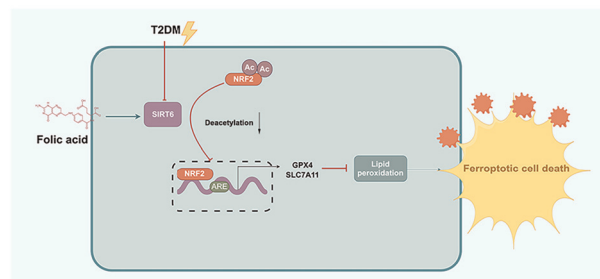
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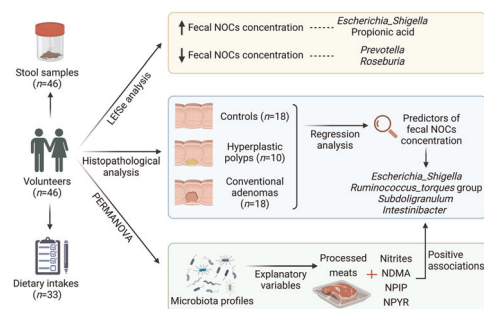
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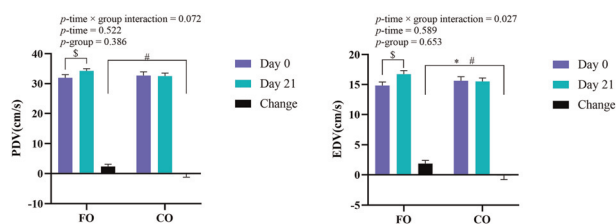
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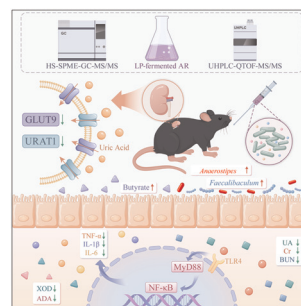
Bingzheng Liu, Wenlong Wang, Aiping Teng, Chengcheng Yu, Yaqian Liang, Anchao Liu, Xiao Wu, Duo Li, Hui Ma\* and Kelei Li\*



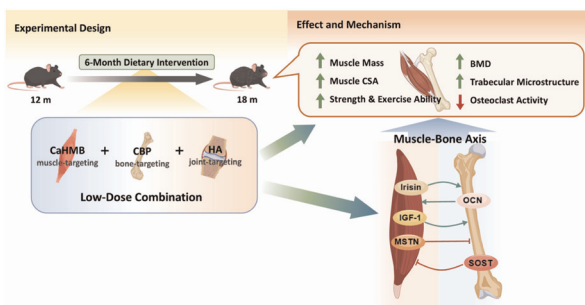
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Hongyu Zhang, Chaoran Li, Tianjiao Li, Fuyi Li, Xiangheng Cao, Yang Yang, Da Wang, Mingyou Yuan, Qiuyi Li, Xuebo Liu and Mengge Zhao\*



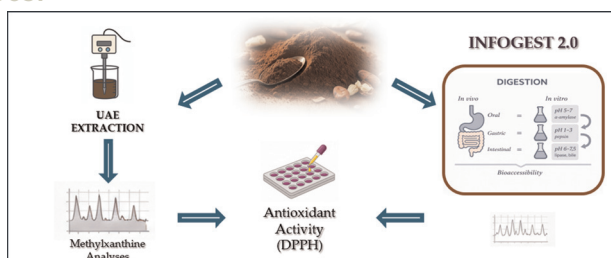
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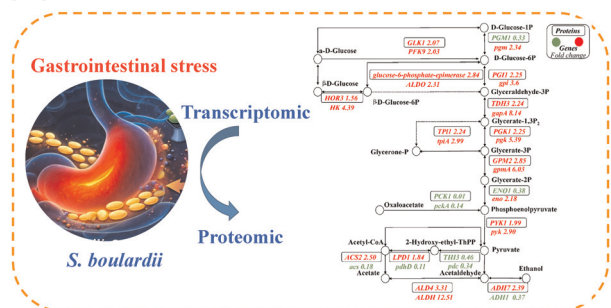
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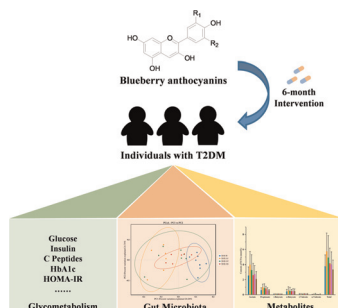
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Dingkang Wang, Lerong Liu, Xiaoru Chen, Yiting Kang, Dan Li, Bin Ma, Yuexi Zhu, Yanqin Rong, Hongfei Yu and Yongjie Zhang\*

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### Blueberry anthocyanin supplementation shows favorable trends in glycemic control and alters the gut microbiota in type 2 diabetes patients: a pilot study

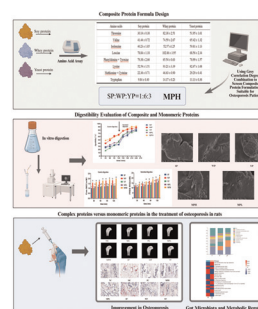
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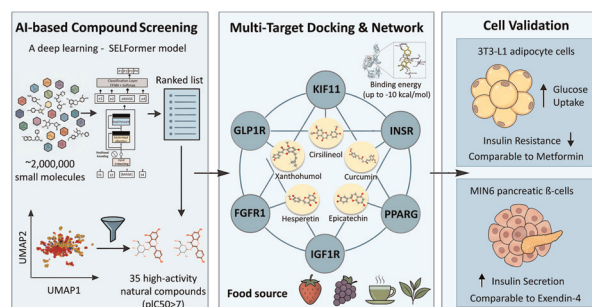
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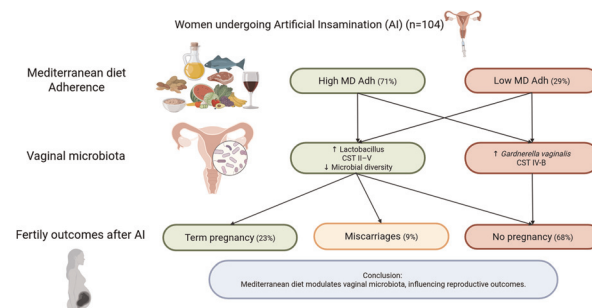
Junyu Zhou, Chen Li, Meiling Liu and Sunmin Park\*



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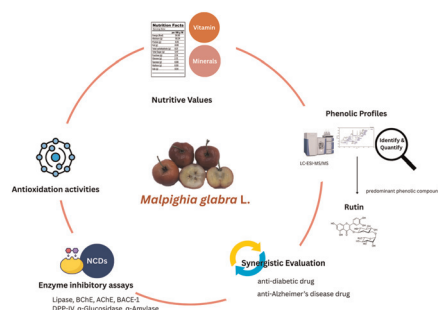
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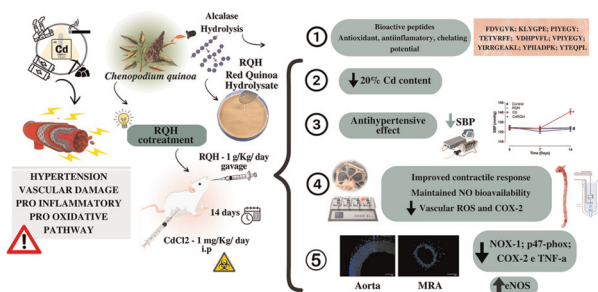
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## Evaluation of the underutilized *Malpighia glabra* L. fruits as a future functional food: nutritional composition, phenolic profile, biological activities, and synergistic effects with pharmaceutical drugs

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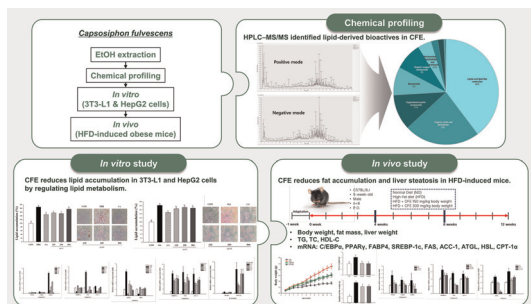
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Samia Hassan Husein Kanaan, Paola Zambelli Moraes, Katye Yasmin de Souza de Oliveira, Fernando Barbosa, José Eudes Gomes Pinheiro, Franck Maciel Peçanha, Dalton Valentim Vassallo, Marta Miguel-Castro\* and Giulia Alessandra Wiggers\*

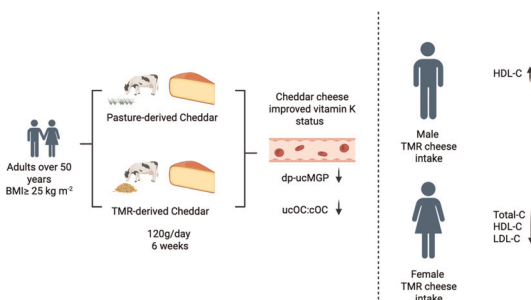
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### Potential antiobesity and antihepatic steatosis effects of a *Capsosiphon fulvescens* (maesaengi) ethanol extract: *in vitro* and *in vivo* studies

Sung Min Lee, Soo-yeon Park\* and Ji Yeon Kim\*

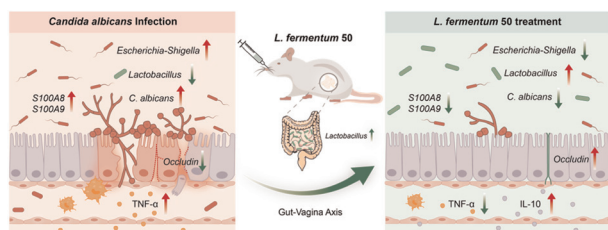
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### Exploring the effects of Cheddar cheese intake on vitamin K status and lipid profiles in overweight middle-aged adults

Sitong Zhou,\* Heleena Moni Bottu, Jean-Christophe Jacquier, Raquel Cama-Moncunill, Mark Timlin, Deirdre Hennessy, Michael O'Donovan, André Brodtkorb, Jeremiah J. Sheehan, Eileen R. Gibney, Peter Dunne and Emma L. Feeney\*

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### *Limosilactobacillus fermentum* 50 alleviates vulvovaginal *Candidiasis* via the gut–vagina axis: modulating microbiota, barrier function and inflammation

Xiaoyue Bai, Zhichao Chen, Yizhi Jing, Jiahui Liu, Zheng Han, Qingqiu Ye, Yanling Hao and Zhengyuan Zhai\*



## COMMENT

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Comment on "Plant-based diet and risk of arthritis: a nationwide cohort study of the Chinese elderly population" by H. Zhang, J. Liang, Y. Han, J. Tian, Y. Tu, R. Fan, W. Zhu, Z. Zhang and H. Zhao, *Food Funct.*, 2025, 16, 6576

Tong Xin, Che Wang, Cuiting Gong, Jingjing He, Xiaoping Wang and Aijing Liu\*

