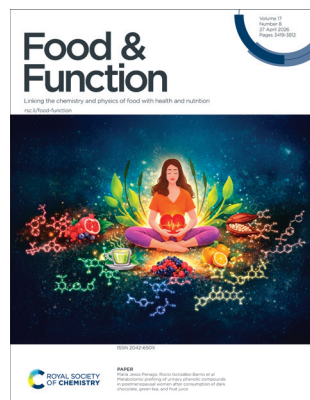


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Cover

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

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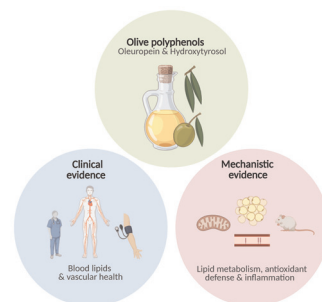
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Effects of olive leaf polyphenols on blood lipid profiles and cardiovascular risk markers in healthy and at-risk populations: a narrative review

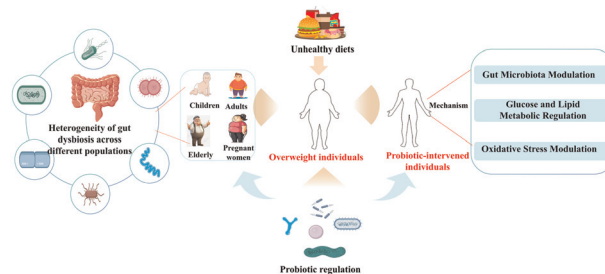
Sanne L. M. van Stratum,* Yala Stevens and Jogchum Plat*



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Precision probiotics for overweight management: decoding strain-specific mechanisms to guide microbiota-tailored interventions

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



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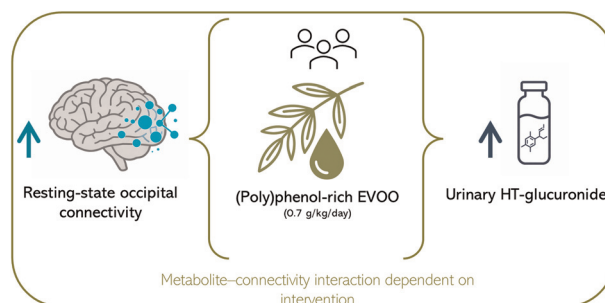
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Resting-state brain connectivity following extra virgin olive oil intake in healthy adults: a randomised crossover pilot neuroimaging substudy

Rocío M. Gutiérrez-Romero, Carolina Donat-Vargas, Emma Muñoz-Moreno, Alejandro Hinojosa-MoscOSO, Polina Galkina, Camila Arancibia-Riveros, Inés Domínguez-López, Sara Hurtado-Barroso, María Pérez, Anna Vallverdú-Queralt, Rosa Casas, Ramón Estruch and Rosa M. Lamuela-Raventós*

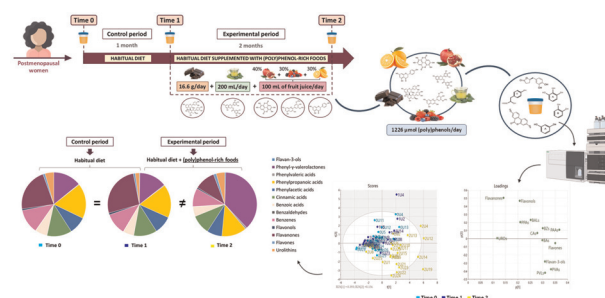


PAPERS

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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*

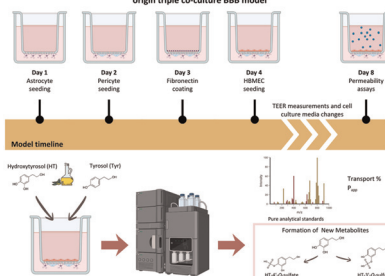


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Crossing and metabolism of tyrosol and hydroxytyrosol by implementing an *in vitro* blood–brain barrier model of human primary cells

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

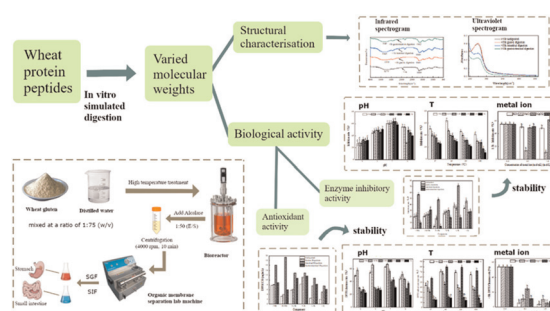
Evaluation of the permeability of tyrosol and hydroxytyrosol by implementing a human-origin triple co-culture BBB model



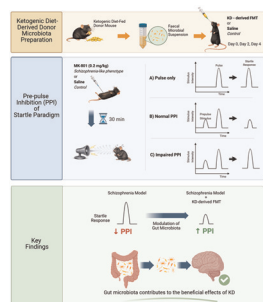
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Structural activity remodeling of wheat protein peptides during simulated gastrointestinal digestion: insights into antioxidant and enzyme inhibitory functionalities

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



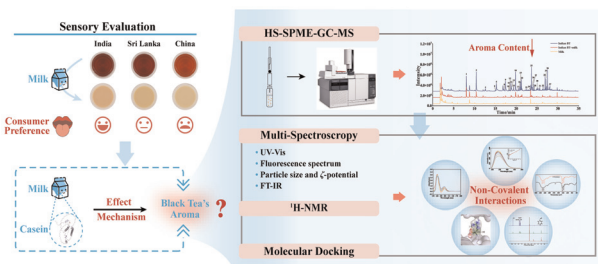
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Ketogenic diet-derived faecal microbiota transplantation improved sensorimotor gating deficits in an acute NMDA-receptor antagonist model of schizophrenia in mice

Ann-Katrin Kraeuter* and Zoltan Sarnyai

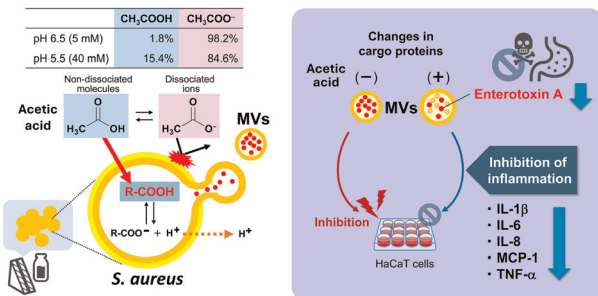
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Interaction of milk protein and black tea aroma compounds: selectivity, binding mechanism, and theaflavin effect

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

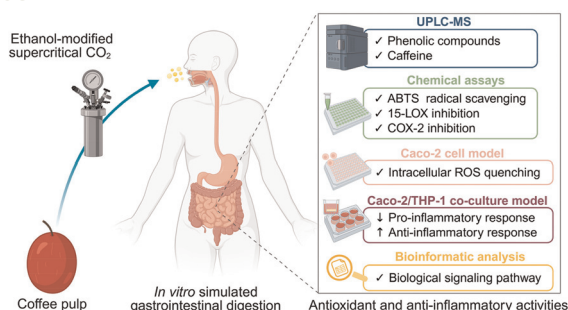
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Inhibitory effect of acetic acid on the toxicity of *Staphylococcus aureus* and its membrane vesicles

Kasumi Suzuki, Yuko Shimamura and Shuichi Masuda*

3568



Intestinal oxidative stress mitigation and transepithelial anti-inflammatory bioactivity mediated by EtOH-modified supercritical-CO₂ coffee pulp extract

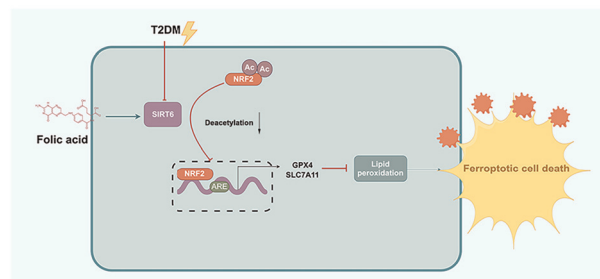
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Folic acid alleviates endothelial dysfunction caused by T2DM-induced ferroptosis by activating the SIRT6/NRF2/GPX4 signaling pathway

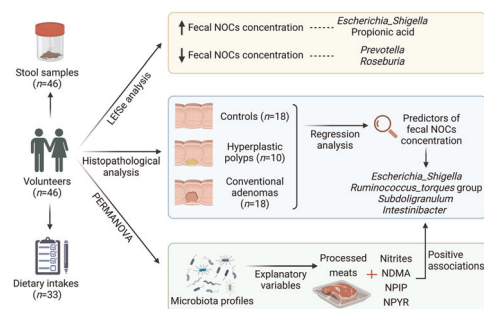
Lei Hong, Xinqi Lou, Yingjie Zha, Xuejie Fu, Tuanjie Che, Shigang Qiao, Chen Wang* and Jianzhong An*



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Associations among dietary nitrosamine intake, fecal *N*-nitroso compounds and intestinal microbiota in adults according to intestinal mucosa damage

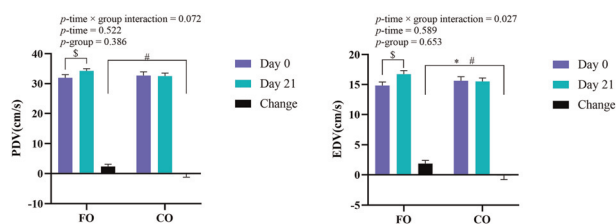
Sergio Ruiz-Saavedra, Tuulia Kreetta Pietilä, Aida Zapico, Nuria Salazar, Silvia Arboleya, Anne-Maria Pajari, Sonia González* and Clara G. de los Reyes-Gavilán*



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Effect of compound fish oil capsules on microvascular function in hypertensive individuals: a triple-blind, randomized, placebo-controlled pilot trial

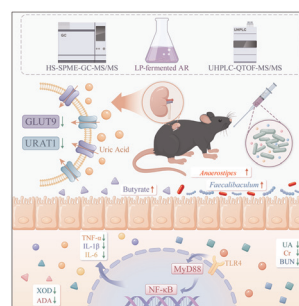
Bingzheng Liu, Wenlong Wang, Aiping Teng, Chengcheng Yu, Yaqian Liang, Anchao Liu, Xiao Wu, Duo Li, Hui Ma* and Kelei Li*



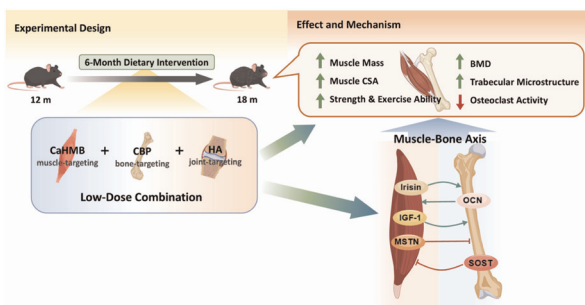
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Bioconversion properties of the urate-lowering probiotic fermented *Aronia melanocarpa* (black chokeberry) and its antihyperuricemic capacity via regulating metabolic/immune pathways and gut microbiota

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



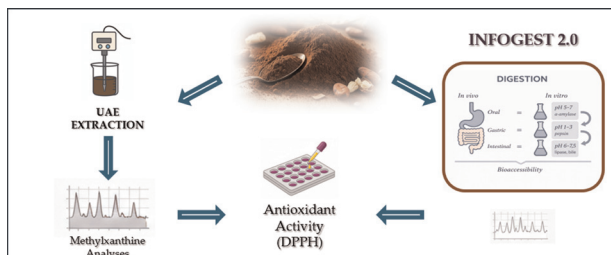
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Combined effects of a low-dose multi-target supplement (CaHMB, CBP, and HA) on delaying musculoskeletal aging

Haoqi Chen, Junhong Peng, Shanshan Guo, Ting Chen, Si Chen, Xinyuan Jin, Wenge Huang, Chao Xu, Mengchu Li, Mengxing Xie, Mengtao Yang, Jinzhu Pang* and Huilian Zhu*

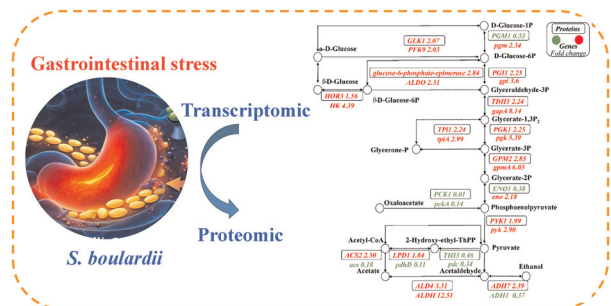
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Simulated gastrointestinal digestion of cocoa powder (INFOGEST): methylxanthine bioaccessibility and antioxidant properties

Leopoldo Rivera-Manzorro, María José Aliaño-González, Gerardo Fernández Barbero, Nuria Chinchilla,* Francisco Antonio Macías, Miguel Palma-Lovillo and Ceferino Carrera

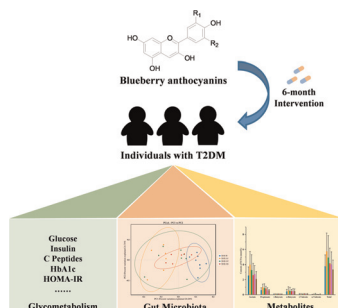
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Integrated transcriptomic and proteomic analyses elucidate the stress tolerance network of *Saccharomyces boulardii* under gastrointestinal challenge

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

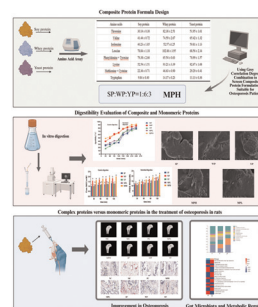
Xindi Hu, Lujing Xu, Ying Li, Xingyu Zhao, Yakun Xing, Jin Feng, Jiawei Zheng, Cheng Xue, Wuyang Huang* and Shan Lu*



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A composite protein enriched with threonine, lysine, and tryptophan improves osteoporosis by modulating the composition and metabolism of the gut microbiota

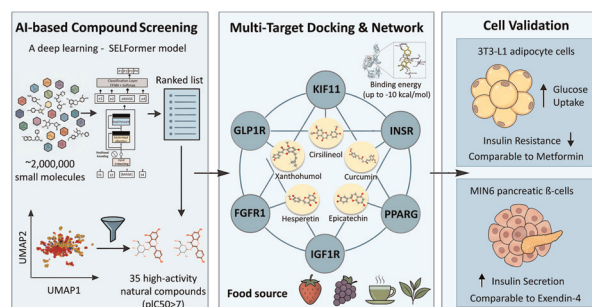
Chonghua Fan, Zhenye Shi, Bailiang Li,* Song Wang* and Zhongjiang Wang*



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SELFomer-guided discovery of xanthohumol & cirsiolineol as multi-target natural therapeutics for type 2 diabetes: computational prediction and experimental validation

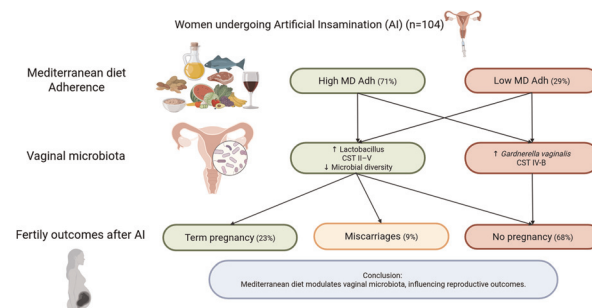
Junyu Zhou, Chen Li, Meiling Liu and Sunmin Park*



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Diet–microbiota interactions influence pregnancy success in females undergoing artificial insemination: insights from the vaginal microbiota and Mediterranean diet

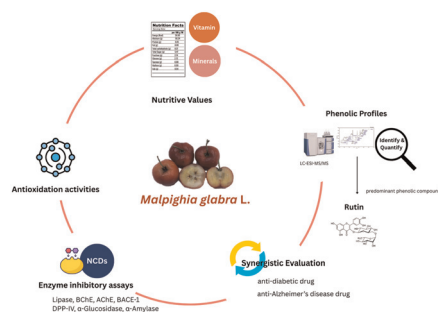
M. Gimeno, M. Baizán-Urgell, M. Bernabeu,* M. C. Collado and E. Garcia-Verdevo



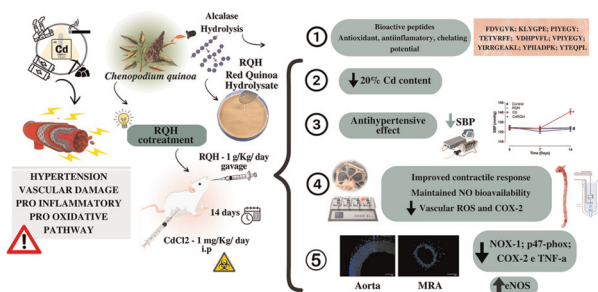
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Evaluation of the underutilized *Malpighia glabra* L. fruits as a future functional food: nutritional composition, phenolic profile, biological activities, and synergistic effects with pharmaceutical drugs

Varongsiri Kemsawasd, Sirinapa Thangsiri, Yuraporn Sahasakul, Amornrat Aursalung, Woorawee Inthachat, Piya Temviriyankul, Suwapat Kittibunchakul and Uthaiwan Suttisansanee*



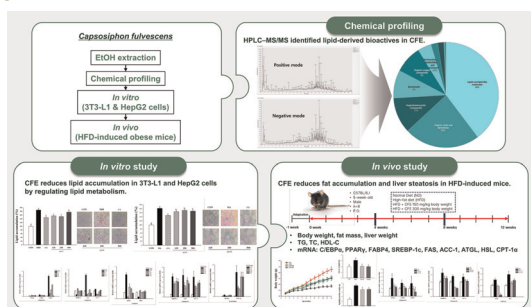
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Red quinoa hydrolysate as a plant-based therapeutic alternative for damage induced by high cadmium concentrations to the vascular system in rats

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*

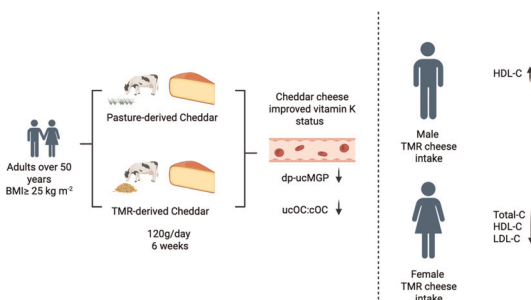
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Potential antiobesity and antihepatic steatosis effects of a *Capsosiphon fulvescens* (maesaengi) ethanol extract: *in vitro* and *in vivo* studies

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

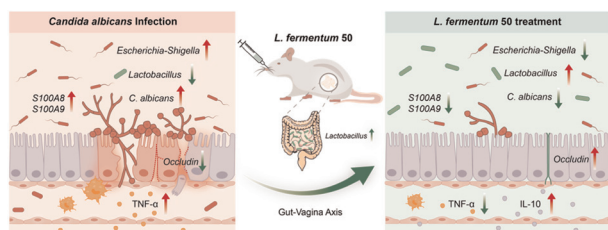
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Exploring the effects of Cheddar cheese intake on vitamin K status and lipid profiles in overweight middle-aged adults

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

3806

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*

