



APNNO 2020 - Advances in Personalized Nutrition

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| CHINA TIME | Day 1 (1st December 2020) | |
| 08.50 – 09.00 | Opening Remarks: Michael Fenech (Founding President) and Duo Li (President-Elect) | |
| NUTRIOMICS | | |
| 09.00 – 09.20 | Hisanori Kato (Japan) | Genome-Wide Association Study of Food Preference |
| 09.20 – 09.40 | Safarina Malik (Indonesia) | Mitochondrial Genetics, Gut Microbiome and Methylation Pattern of the Punans of North Kalimantan |
| 09.40 – 10.00 | Keith West (USA) | The Plasma Awesome: Proteomics Applications in Public Health Nutrition |
| 10.00 – 10.20 | Rod Dashwood (USA) | Dietary sulforaphane and its structural analog 6-SFN synergize with JQ1 to downregulate ERCC2 during colorectal cancer interception |
| 10.20 – 10.40 | QUESTION TIME | |
| 10.40 – 11.00 | RECREATION BREAK | |
| NUTRIOMICS IN METABOLIC AND CARDIOVASCULAR DISEASE | | |
| 11.00 – 11.20 | Jun Nishihira (Japan) | Comprehensive understanding of health and nutrition based on the dataset of diet, blood biochemistry, genetics, and gut microbiota in the Japanese population |
| 11.20 – 11.40 | Zelei Miao, Yu-ming Chen, Ju-Sheng Zheng (China) | Interaction between marine n-3 fatty acids and CD36 gene on blood lipids: role of gut microbiome |
| 11.40 – 12.00 | Wenhua Ling (China) | Nutritional diet and management of cardiovascular metabolic diseases |
| 12.00 – 12.20 | Tao Huang (China) | Genetic risk, Lifestyle and Heart Failure |
| 12.20 – 12.40 | QUESTION TIME | |
| 12.40 – 13.00 | RECREATION BREAK | |
| PROFFERED PAPERS | | |
| 13.00 – 13.10 | Shixiu Zhang , Xin Guo, Ying Yang, Yu Li, Lei Wang, Xueqin Li, Xiaohan Yang, Yanjing Zhang, Mingfei Yan (China) | More than 2 Egg Yolk Per Day Make More Adverse Effects in Healthy Young Adults of SREBF1 Minor Allele Carriers |
| 13.10 – 13.20 | Jing Cong , Huaqun Yin (China) | Short chain fatty acids-intestinal microbiota-human health and disease |
| 13.20 – 13.30 | Nan Yao, Shoumeng Yan, Yinpei Guo, Han Wang, Xiaotong Li, Ling Wang, Wenyu Hu ¹ , Bo Li and Weiwei Cui (China) | The association between carotenoids and subjects with overweight or obesity: a systematic review and meta-analysis |
| 13.30 – 13.40 | Dong Chen , Li Dandan, Zhang Zhiyong (China) | Microbial diversity induced by delayed responses in oral cavity based on system dynamics modeling and simulation |
| 13.40 – 13.50 | Yik Fah Chee, Satvinder Kaur, Yap Wai Sum, Roseline Wai Kuan Yap (Malaysia) | Association and interaction effect of VEGFR-2 gene polymorphism with dietary patterns on metabolic risk factors of cardiovascular disease in Malaysian Punjabi adults |
| 13.50 – 14.10 | QUESTION TIME | |
| 14.10 – 14.20 | Kelei Li , Xiaotong Kuang, Yan Shi, Xianfeng Shao, Huiying Li, Duo Li (China) | Gene-diet interaction in response to defatted flaxseed flour supplementation on cardiometabolic health in overweight/obese subjects: a randomized controlled trial |

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| 14.20 – 14.30 | Min Wu, Xiao-Hui Li, Hong Jiang, Ni Yan, Jia-Qi Wang, Le Ma (China) | Potassium and risk of type 2 diabetes, cardiovascular disease, stroke, and mortality: a dose-response of meta-analysis |
| 14.30 – 14.40 | Na Wang, Lv Shijian, Gao Guangyun, Yan Ding (China) | The association of iron status in early pregnancy and glucose metabolism among pregnant Chinese women: a longitudinal cohort study |
| NUTRIOMICS (CONTINUED) | | |
| 14.40 – 15.00 | Elisabetta Damiani (Italy) | Targeting Epigenetic 'Readers' with Natural Compounds for Cancer Interception |
| 15:00 – 15.10 | Harry Freitag Luglio Muhammad , Marleen van Baak, Edwin Mariman, Sukma Oktavianthi, Safarina G. Malik (Indonesia) | The Effect of a Low Calorie Low Inflammatory Diet on Inflammation, Telomere Length and Mitochondrial DNA among Obese Adults |
| 15.10 – 15.30 | QUESTION TIME | |
| 15.30 – 16.00 | RECREATION BREAK | |
| 16.00 – 17.00 | APNNO SECRETARIAT & COUNTRY DELEGATES MEETING | |

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| CHINA TIME | Day 2 (2nd December 2020) | |
| NUTRIOMICS & CANCER PREVENTION | | |
| 09.00 – 09.20 | Young-Joon Surh (Korea) | Nutritional chemoprevention of cancer |
| 09.20-09.40 | Hye-Kyung Na (Korea) | Salsolinol, an Endogenous Catechol Isoquinoline, Induces Heme Oxygenase-1 through Nrf2 Activation in the SK-Hep1 Hepatoma Cells |
| NUTRIOMICS & INFLAMMATION | | |
| 09.40 – 10.00 | Chin Kun Wang (Taiwan) | Dietary intake and inflammation |
| 10.00 – 10.20 | Michael Fenech (Australia) | Breaking the vicious cycle of DNA damage and inflammation nutritionally |
| 10.20-10.40 | QUESTION TIME | |
| 10.40-11.00 | RECREATION BREAK | |
| PRESIDENT'S LECTURE | | |
| 11.00 – 11.20 | Duo Li (China) | Sustainable and Optimal Vegetarian/vegan diets |
| PROFFERED PAPERS | | |
| 11.20 – 11.30 | Lynette R Ferguson (New Zealand) | Nutrigenomics and nutrigenetics research in New Zealand |
| 11.30 – 11.40 | Jacus Nacis (Philippines) | Priming the advent of genotype-based nutrition and lifestyle recommendation in the Philippines: The InGeSt Project |
| 11.40 – 11.50 | Meilan Xue, Nan Zhang, Yushan Jiang, Zhongqian Pei, Kunpeng Qin, Ying Liu, Hui Liang (China) | Protective effects of fucoidan on intestinal mucosal barrier function and behavior in alcohol-exposed mice |
| 11.50 – 12.00 | Yaqi Xue, Mengxuan Ye, Fei Jiang, Ping Wang, Hailong Pei, Wentao Hu, Guangming Zhou, Zengli Zhang, Bingyan Li (China) | Expression profile of lncRNAs identifies the potential lncRNAs associated with both EMT and Vitamin D signaling |
| 12.00 - 12.20 | QUESTION TIME | |

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| 12.20 – 12.30 | Huifeng Zhang (United Kingdom) | Meat consumption is cross-sectionally associated with higher dementia risk among APOE ε4 carriers |
| 12.30 – 12.40 | Xiaotong Kuang , Xianfeng Shao, Yan Shi, Huiying Li, Kelei Li, Duo Li | PCSK1, SCARB1 and BDNF gene variants modulate the effect of defatted flaxseed flour intake on weight loss in overweight/obese subject: a randomized control trial |
| 12.40 – 12.50 | Zhenhuang Zhuang , Meng Gao, Ruotong Yang, Wenxiu Wang, Xueer Zhang, Tao Huang (China) | Causal relationships between rheumatoid arthritis and gut microbiota: A bi-directional Mendelian randomization study |
| 12.50 – 13.00 | Bei-lei Zhu, Yan-zhi Wu ² , Zhong-ming Cai, Cheng-wei Liao, Le-qiu Sun, Zhi-peng Li, Hao-man Chen, Xue-rong Huang, Ren-qian Feng, Sheng-lie Ye, qun-Li Line, Xu-dong Zhou, Man-man Zhang, Bo Yang (China) | Controlling Nutritional Status (CONUT) Score is a Prognostic Indicator for Patients with Hemorrhagic Stroke: Results from a 3-month Follow-up Study |
| 13.00 – 13.20 | QUESTION TIME | |
| 13.20 – 13.30 | Closing Remarks: Duo Li (President-Elect) | |