Molecular Nutrition

Novel insights for SREBP-1 as a key transcription factor in regulating lipogenesis in a freshwater teleost, grass carp Ctenopharyngodon idella

Yi-Huan Xu, Xiao-Ying Tan, Yi-Chuang Xu, Tao Zhao, Li-Han Zhang and Zhi Luo

A low-fat diet up-regulates expression of fatty acid taste receptor gene FFAR4 in fungiform papillae in humans: a co-twin randomised controlled trial

Andrew Costanzo, Dongli Liu, Caryl Nowson, Konsta Duesing, Nicholas Archer, Steve Bowe and Russell Keast

Metabolism and Metabolic Studies

Reproductive state and copulation-induced changes in gonadal and hypothalamic regions of the snapper are associated with sperm quality and sperm size

Annelie T. Scott, Thomas P. Colosi, Brian J. Johns, Yoshihiro Tanaka, Peter J. Bentzen, John B. Cooper, Nancy A. Shaver, Farley J. D. Amos, Jonathan J. L. Stahl, Richard J. C. Farquhar and Donald J. James

Integrated metabolomic and transcriptomic analyses suggest that high dietary lipid levels facilitate ovary development through the enhanced arachidonic acid metabolism, cholesterol biosynthesis and steroid hormone synthesis in Chinese sturgeon

Xiaoqian Leng, Hai Zhou, Qingsong Tan, Hao Du, Jinping Wu, Xufang Liang, Shan He and Qiwei Wei

Whole digesta properties as influenced by feed processing explain variation in gastrointestinal transit times in pigs

Bianca M. J. Martens, Marit Noorloos, Sonja de Vries, Henk A. Schols, Erik M. A. M. Bruininx and Walter J. J. Gerrits

Nutritional Endocrinology

Association between obesity phenotypes in adolescents and adult metabolic syndrome: Tehran Lipid and Glucose Study

Golaleh Asghari, Farhad Hosseinpanah, Sara Serahati, Shadi Haghi and Fereidoun Azizi

Human and Clinical Nutrition

Dietary choline is positively related to overall and cause-specific mortality: results from individuals of the National Health and Nutrition Examination Survey and pooling prospective data

Mohsen Mazidi, Niki Katsiki, Dimitri P. Mikhailidis and Maciej Banach on behalf of the Lipid and Blood Pressure Meta-Analysis Collaboration (LBPMC) Group

A survey of tube feeding prevalence and practice in adult patients requiring home enteral tube feeding

Gary F. Hubbard, Stephen J. Andrew, Steve White, Gary Simpson, Sarah Taper, Lindsey Carter, Chris Murphy, Mike Collins, Judith Spencer, Antoinette Owen, Julie Parker, Lisa Green, Sean Patel, Joanne Kempney, In Semeorn, Julie Fawcett, Lona Priest, Sharon Mathew, Matthew Ashman, Lucy Slack, Heather Best, Rebecca Simmons, Tessa Cross and Rebecca J. Stratton

Systematic reviews and meta-analyses in nutrition research

George A. Maclennan, L. Taylor

Dietary Surveys and Nutritional Epidemiology

Maternal dietary intake of vitamin D during pregnancy was inversely associated with congenital diaphragmatic hernia: the Japan Environment and Children Study

Takehiro Michikawa, Shu Yamazaki, Masako Sekiyama, Tatsuo Kuroda, Shjiro Nakamura, Takehito Takeda, Takeshi Nakayama, Hiroyuki Miura and the Japan Environment and Children Study Group

Association of sugar-sweetened beverage intake at 18 months and 5 years of age with adiposity outcomes at 6 years of age: the Singapore Cohort Study of Armillary Children and Youth

Phaik Ling Quah, Josefien Kleijweg, Ya Yin Chang, Jia Ying Toh, Hui Xian Lim, Ray Sugianto, Izzuddin M. Aris, Wen Lun Yuan, Alice Yee Hock, Jonathan F. Benard, Ferdinand Mawang, Yik Mun Hee-Cheng, Samuel C. T. Wee, Victor Khaw, Judy Tan Tiong, Albert Y. C. Y. Yuen, Jatin G. Eriksson, Felicia Yeo, Tong Seng Lee and Mary F. F. Chong

Behaviour, Appetite and Obesity

Effect of medium-chain TAG and exercise on satiety, energy intake and energy balance

Tyler Maher, Alaneddine E. El-Chab, Amir Shafat and Miriam E. Clegg

Cambridge Journals Online For further information about this journal please go to the journal website at journals.cambridge.org/bjn