

Contents

Short Communication

- Importance of early nutritional screening in patients with gastric cancer.
C. Gavazzi, S. Colatruglio, A. Sironi, V. Mazzaferro & R. Miceli 1773–1778

Molecular Nutrition

- Mitogen-activated protein kinase mediates the apoptosis of highly metastatic human non-small cell lung cancer cells induced by isothiocyanates.
H. Yan, Y. Zhu, B. Liu, H. Wu, Y. Li, X. Wu, Q. Zhou & K. Xu 1779–1791
- Effect of anthocyanins on expression of matrix metalloproteinase-2 in naproxen-induced gastric ulcers.
S.-J. Kim, Y. S. Park, H.-D. Paik & H. I. Chang 1792–1801
- Bone-protective effects of bioactive fractions and ingredients in *Sambucus williamsii* HANCE.
H.-H. Xiao, Y. Dai, H.-Y. Wan, M.-S. Wong & X.-S. Yao 1802–1809
- Supplement of bamboo extract lowers serum monocyte chemoattractant protein-1 concentration in mice fed a diet containing a high level of saturated fat.
J. K. Higa, W. Liu, M. J. Berry & J. Panee 1810–1813
- Hepatic expression of sodium-dependent vitamin C transporters: ontogeny, subtissular distribution and effect of chronic liver diseases.
R. I. R. Macias, C. Hierro, S. C. de Juan, F. Jimenez, F. G.-S. Martin & J. J. G. Marin 1814–1825
- Effect of the fat composition of a single high-fat meal on inflammatory markers in healthy young women.
M. C. W. Myhrstad, I. Narverud, V. H. Telle-Hansen, T. Karhu, D. B. Lund, K.-H. Herzig, M. Makinen, B. Halvorsen, K. Retterstøl, B. Kirkhus, L. Granlund, K. B. Holven & S. M. Ulven 1826–1835
- Low-molecular-weight fucoidan regulates myogenic differentiation through the mitogen-activated protein kinase pathway in C2C12 cells.
K.-J. Kim, O.-H. Lee & B.-Y. Lee 1836–1844

Metabolism and Metabolic Studies

- Effects of dietary protein content and 2-hydroxy-4-methylthiobutanoic acid or DL-methionine supplementation on performance and oxidative status of broiler chickens.
Q. Swennen, P.-A. Geraert, Y. Mercier, N. Everaert, A. Stinckens, H. Willemsen, Y. Li, E. Decuypere & J. Buyse 1845–1854
- Tannic acid is more effective than clofibrate for the elevation of hepatic β -oxidation and the inhibition of 3-hydroxy-3-methyl-glutaryl-CoA reductase and aortic lesion formation in apo E-deficient mice.
G.-M. Do, E.-Y. Kwon, T.-Y. Ha, Y. B. Park, H.-J. Kim, S.-M. Jeon, M.-K. Lee & M.-S. Choi 1855–1863

Human and Clinical Nutrition

- Digestive physiological outcomes related to polydextrose and soluble maize fibre consumption by healthy adult men.
B. M. V. Boler, M. C. R. Serao, L. L. Bauer, M. A. Staeger, T. W. Boileau, K. S. Swanson & G. C. Fahey Jr 1864–1871
- Reported zinc, but not copper, intakes influence whole-body bone density, mineral content and T score responses to zinc and copper supplementation in healthy postmenopausal women.
F. H. Nielsen, H. C. Lukaski, L. K. Johnson & Z. K. (Fariba) Roughhead 1872–1879
- Health effects of green tea catechins in overweight and obese men: a randomised controlled cross-over trial.
A. L. Brown, J. Lane, C. Holyoak, B. Nicol, A. E. Mayes & T. Dadd 1880–1889
- Structure modification of a milk protein-based model food affects postprandial intestinal peptide release and fullness in healthy young men.
K. R. Juvonen, L. J. Karhunen, E. Vuori, M. E. Lille, T. Karhu, A. Jurado-Acosta, D. E. Laaksonen, H. M. Mykkänen, L. K. Niskanen, K. S. Poutanen & K.-H. Herzig 1890–1898

Dietary Surveys and Nutritional Epidemiology

- National Diet and Nutrition Survey: UK food consumption and nutrient intakes from the first year of the rolling programme and comparisons with previous surveys.
C. Whitton, S. K. Nicholson, C. Roberts, C. J. Prynne, G. K. Pot, A. Olson, E. Fitt, D. Cole, B. Teucher, B. Bates, H. Henderson, S. Pigott, C. Deverill, G. Swan & A. M. Stephen 1899–1914

Estimated dietary intakes of flavonols, flavanones and flavones in the European Prospective Investigation into Cancer and Nutrition (EPIC) 24 hour dietary recall cohort.

R. Zamora-Ros, V. Knaze, L. Luján-Barroso, N. Slimani, I. Romieu, V. Fedirko, M. S. de Magistris, U. Ericson, P. Amiano, A. Trichopoulou, V. Dilis, A. Naska, D. Engeset, G. Skeie, A. Cassidy, K. Overvad, P. H. M. Peeters, J. M. Huerta, M.-J. Sánchez, J. R. Quirós, C. Sacerdote, S. Grioni, R. Tumino, G. Johansson, I. Johansson, I. Drake, F. L. Crowe, A. Barricarte, R. Kaaks, B. Teucher, H. B. Bueno-de-Mesquita, C. T. M. van Rossum, T. Norat, D. Romaguera, A.-C. Vergnaud, A. Tjønneland, J. Halkjær, F. Clavel-Chapelon, M.-C. Boutron-Ruault, M. Touillaud, S. Salvini, K.-T. Khaw, N. Wareham, H. Boeing, J. Förster, E. Riboli & C. A. González

1915-1925