

Invited Commentary

- Commentary to accompany the paper entitled 'Nutritional disturbance in acid-base balance and osteoporosis: a hypothesis that disregards the essential homeostatic role of the kidney', by Jean-Philippe Bonjour.
L. A. Frassetto & A. Sebastian 1935-1937

Molecular Nutrition

- Effect of *N*-acetyl cysteine on enterocyte apoptosis and intracellular signalling pathways' response to oxidative stress in weaned piglets.
L. Zhu, X. Cai, Q. Guo, X. Chen, S. Zhu & J. Xu 1938-1947

Metabolism and Metabolic Studies

- Dietary electrolyte balance affects the nutrient digestibility and maintenance energy expenditure of Nile tilapia.
S. Saravanan, I. Geurden, Z. G. A. Orozco, S. J. Kaushik, J. A. J. Verreth & J. W. Schrama 1948-1957
- High levels of dietary phytosterols affect lipid metabolism and increase liver and plasma TAG in Atlantic salmon (*Salmo salar* L.).
N. S. Liland, M. Espe, G. Rosenlund, R. Waagbø, J. I. Hjelle, Ø. Lie, R. Fontanillas & B. E. Torstensen 1958-1967
- Dietary arginine affects energy metabolism through polyamine turnover in juvenile Atlantic salmon (*Salmo salar*).
S. M. Andersen, E. Holen, A. Aksnes, I. Rønnestad, J.-E. Zerrahn & M. Espe 1968-1977
- Methodological considerations for meal-induced thermogenesis: measurement duration and reproducibility.
L. C. Ruddick-Collins, N. A. King, N. M. Byrne & R. E. Wood 1978-1986
- Long-chain SFA at the *sn*-1, 3 positions of TAG reduce body fat deposition in C57BL/6 mice.
S. W. Gouk, S. F. Cheng, J. S. L. Mok, A. S. H. Ong & C. H. Chuah 1987-1995
- Increased skeletal muscle mitochondrial efficiency in rats with fructose-induced alteration in glucose tolerance.
R. Crescenzo, F. Bianco, P. Coppola, A. Mazzoli, L. Cigliano, G. Liverini & S. Iossa 1996-2003
- Serum silicon concentrations in pregnant women and newborn babies.
R. Jugdaohsingh, S. H. C. Anderson, L. Lakasing, S. Sripanyakorn, S. Ratcliffe & J. J. Powell 2004-2010

Nutritional Immunology

- Dietary strawberries increase the proliferative response of CD3/CD28-activated CD8⁺ T cells and the production of TNF- α in lipopolysaccharide-stimulated monocytes from obese human subjects.
S. J. Zunino, D. H. Storms, T. L. Freytag, B. E. Mackey, L. Zhao, J. S. Gouffon & D. H. Hwang 2011-2019

Nutritional Toxicology

- Grape juice concentrate protects reproductive parameters of male rats against cadmium-induced damage: a chronic assay.
V. C. Pires, A. P. B. Gollücke, D. A. Ribeiro, L. Lungato, V. D'Almeida & O. Aguiar Jr 2020-2029

Microbiology

- In vitro* evaluation of the impact of human background microbiota on the response to *Bifidobacterium* strains and fructo-oligosaccharides.
S. Arbolea, N. Salazar, G. Solís, N. Fernández, M. Gueimonde & C. G. de los Reyes-Gavilán 2030-2036

Human and Clinical Nutrition

- No association between the intake of marine *n*-3 PUFA during the second trimester of pregnancy and factors associated with cardiometabolic risk in the 20-year-old offspring.
D. Rytter, B. H. Bech, T. Halldorsson, J. H. Christensen, E. B. Schmidt, I. Danielsen, T. B. Henriksen & S. F. Olsen 2037-2046

Dietary Surveys and Nutritional Epidemiology

- Associations of dietary glycaemic index and glycaemic load with food and nutrient intake and general and central obesity in British adults.
K. Murakami, T. A. McCaffrey & M. B. E. Livingstone 2047-2057
- Mediterranean diet adherence during pregnancy and risk of wheeze and eczema in the first year of life: INMA (Spain) and RHEA (Greece) mother-child cohort studies.
L. Chatzi, R. Garcia, T. Roumeliotaki, M. Basterrechea, H. Begiristain, C. Iñiguez, J. Vioque, M. Kogevinas & J. Sunyer on behalf of the INMA and RHEA study groups 2058-2068
- Retrospective lifetime dietary patterns are associated with demographic and cardiovascular health variables in an older community-dwelling Australian population.
D. Hosking & V. Danthiir 2069-2083
- Socio-economic differences in food group and nutrient intakes among young women in Ireland.
Daniel M. A. McCartney, K. M. Younger, J. Walsh, M. O'Neill, C. Sheridan & J. M. Kearney 2084-2097
- Sources of variation in nutrient intake and the number of days to assess usual intake among men and women in the Seoul metropolitan area, Korea
D. W. Kim, M. Kyung Park, J. Kim, K. Oh, H. Joung, J. E. Lee & H. Y. Paik 2098-2107

Behaviour, Appetite and Obesity

- Restricting night-time eating reduces daily energy intake in healthy young men: a short-term cross-over study.
J. D. LeCheminant, E. Christenson, B. W. Bailey & L. A. Tucker 2108-2113
- Whey protein isolate counteracts the effects of a high-fat diet on energy intake and hypothalamic and adipose tissue expression of energy balance-related genes.
L. McAllan, D. Keane, H. Schellekens, H. M. Roche, R. Korpela, J. F. Cryan & K. N. Nilaweera 2114-2126

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