

Editorial

- Increasing numbers of citations and higher impact factor in 2012: the *British Journal of Nutrition* continues to show steady improvement.
G. C. Burdge 1165–1167

Review Article

- Nutritional disturbance in acid–base balance and osteoporosis: a hypothesis that disregards the essential homeostatic role of the kidney.
J.-P. Bonjour 1168–1177

Systematic review with meta-analysis

- Very-low-carbohydrate ketogenic diet *v.* low-fat diet for long-term weight loss: a meta-analysis of randomised controlled trials.
N. B. Bueno, I. S. V. de Melo, S. L. de Oliveira & T. da Rocha Ataíde 1178–1187
- Effect of probiotic fermented milk on blood pressure: a meta-analysis of randomised controlled trials.
J.-Y. Dong, I. M. Y. Szeto, K. Makinen, Q. Gao, J. Wang, L.-Q. Qin & Y. Zhao 1188–1194

Molecular Nutrition

- Viscous methyl cellulose solution thickens gastric mucosa and increases the number of gland mucous cells in mice.
F. Takabayashi & H. Sekiguchi 1195–1200
- Boerhaavia diffusa* L. attenuates angiotensin II-induced hypertrophy in H9c2 cardiac myoblast cells via modulating oxidative stress and down-regulating NF- κ B and transforming growth factor β 1.
A. Prathapan, V. P. Vineetha, P. A. Abhilash & K. G. Raghu 1201–1210

Metabolism and Metabolic Studies

- Rice protein ameliorates the progression of diabetic nephropathy in Goto–Kakizaki rats with high-sucrose feeding.
M. Kubota, R. Watanabe, H. Kabasawa, N. Iino, A. Saito, T. Kumagai, S. Fujimura & M. Kadowaki 1211–1219
- Effects of conjugated linoleic acid on growth, non-specific immunity, antioxidant capacity, lipid deposition and related gene expression in juvenile large yellow croaker (*Larimichthys crocea*) fed soyabean oil-based diets.
R. Zuo, Q. Ai, K. Mai & W. Xu 1220–1232
- Human milk oligosaccharides inhibit rotavirus infectivity *in vitro* and in acutely infected piglets.
S. N. Hester, X. Chen, M. Li, M. H. Monaco, S. S. Comstock, T. B. Kuhlenschmidt, M. S. Kuhlenschmidt & S. M. Donovan 1233–1242

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- Dietary supplementation with *Bifidobacterium lactis* NCC2818 from weaning reduces local immunoglobulin production in lymphoid-associated tissues but increases systemic antibodies in healthy neonates.
M. C. Lewis, D. V. Patel, J. Fowler, S. Duncker, A. W. Zuercher, A. Mercenier & M. Bailey 1243–1252

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- Assessment of bacterial diversity in breast milk using culture-dependent and culture-independent approaches.
T. Jost, C. Lacroix, C. Braegger & C. Chassard 1253–1262

Human and Clinical Nutrition

- Gastrointestinal well-being in subjects reporting mild gastrointestinal discomfort: characteristics and properties of a global assessment measure.
D. Guyonnet, B. Naliboff, P. Rondeau, E. Mayer & O. Chassany 1263–1271
- Extra-virgin olive oil consumption reduces the age-related decrease in HDL and paraoxonase I anti-inflammatory activities.
S. Loued, H. Berrougui, P. Componova, S. Ikhlef, O. Helal & A. Khalil 1272–1284
- Effect of varying the concentrations of carbohydrate and milk protein in rehydration solutions ingested after exercise in the heat.
L. J. James, G. H. Evans, J. Madin, D. Scott, M. Stepney, R. Harris, R. Stone & D. J. Clayton 1285–1291
- Galacto-oligosaccharides increase calcium absorption and gut bifidobacteria in young girls: a double-blind cross-over trial.
C. M. Whisner, B. R. Martin, M. H. C. Schoterman, C. H. Nakatsu, L. D. McCabe, G. P. McCabe, M. E. Wastney, E. G. H. M. van den Heuvel & C. M. Weaver 1292–1303
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- Fish intake during pregnancy and the risk of child asthma and allergic rhinitis – longitudinal evidence from the Danish National Birth Cohort.
E. Maslova, M. Strøm, E. Oken, H. Campos, C. Lange, D. Gold & S. F. Olsen 1313–1325

Behaviour, Appetite and Obesity

- The cat as a model for human obesity: insights into depot-specific inflammation associated with feline obesity.
H. Van de Velde, G. P. J. Janssens, H. de Rooster, I. Polis, I. Peters, R. Ducatelle, P. Nguyen, J. Buyse, K. Rochus, J. Xu, A. Verbrugghe & M. Hesta 1326–1335
- The effects of native whey and α -lactalbumin on the social and individual behaviour of C57BL/6J mice.
O. Yu Vekovischeva, K. Peuhkuri, P. Bäckström, N. Sihvola, T. Pilvi & R. Korpela 1336–1346
- Comparison of physical activity energy expenditure in Japanese adolescents assessed by EW4800P triaxial accelerometry and the doubly labelled water method.
K. Ishikawa-Takata, K. Kaneko, K. Koizumi & C. Ito 1347–1355

CORRIGENDUM

- Natto and viscous vegetables in a Japanese-style breakfast improved insulin sensitivity, lipid metabolism and oxidative stress in overweight subjects with impaired glucose tolerance – CORRIGENDUM.
A. Taniguchi-Fukatsu, H. Yamanaka-Okumura, Y. Naniwa-Kuroki, Y. Nishida, H. Yamamoto, Y. Taketani & E. Takeda 1356