

**Short Communications**

- Conjugated linoleic acid induces hepatic expression of fibroblast growth factor 21 through PPAR- $\alpha$ .  
J. Yu, B. Yu, H. Jiang & D. Chen 461-465
- Effects of periconceptional undernutrition on maternal taurine concentrations in sheep.  
E. B. Thorstensen, J. G. B. Derraik, M. H. Oliver, A. L. Jaquiere, F. H. Bloomfield & J. E. Harding 466-472

**Molecular Nutrition**

- Benefits of whole ginger extract in prostate cancer.  
P. Karna, S. Chagani, S. R. Gundala, P. C. G. Rida, G. Asif, V. Sharma, M. V. Gupta & R. Aneja 473-484

**Metabolism and Metabolic Studies**

- Pectin and high-amylose maize starch increase caecal hydrogen production and relieve hepatic ischaemia-reperfusion injury in rats.  
N. Nishimura, H. Tanabe, Y. Sasaki, Y. Makita, M. Ohata, S. Yokoyama, M. Asano, T. Yamamoto & S. Kiriya 485-492
- Pregnancy augments hepatic glucose storage in response to a mixed meal.  
M. C. Moore, M. S. Smith & C. C. Connolly 493-503
- Anthocyanin kinetics are dependent on anthocyanin structure.  
J. A. Novotny, B. A. Clevidence & A. C. Kurilich 504-509

**Developmental Biology**

- Adverse metabolic phenotype in low-birth-weight lambs and its modification by postnatal nutrition.  
J. M. Wallace, J. S. Milne, C. L. Adam & R. P. Aitken 510-522

**Nutritional Immunology**

- Effect of a cocoa flavonoid-enriched diet on experimental autoimmune arthritis.  
S. Ramos-Romero, F. J. Pérez-Cano, T. Pérez-Berezo, C. Castellote, A. Franch & M. Castell 523-532

**Human and Clinical Nutrition**

- Dietary fatty acid distribution modifies obesity risk linked to the rs9939609 polymorphism of the fat mass and obesity-associated gene in a Spanish case-control study of children  
A. Moleres, M. C. Ochoa, T. Rendo-Ortega, M. A. Martínez-González, M. C. A. S. Julián, J. A. Martínez, A. Martí & on behalf of GENOI 533-538
- Enriched cereal bars are more effective in increasing plasma quercetin compared with quercetin from powder-filled hard capsules.  
S. Egert, S. Wolfram, B. Schulze, P. Langguth, E. M. Hubbermann, K. Schwarz, B. Adolphi, A. Bös-Westphal, G. Rimbach & M. J. Müller 539-546

- Differences in arachidonic acid levels and fatty acid desaturase (FADS) gene variants in African Americans and European Americans with diabetes or the metabolic syndrome  
S. Sergeant, C. E. Hugenschmidt, M. E. Rudock, J. T. Ziegler, P. Ivester, H. C. Ainsworth, D. Vaidya, L. D. Case, C. D. Langefeld, B. I. Freedman, D. W. Bowden, R. A. Mathias & F. H. Chilton 547-555
- Rich micronutrient fortification of locally produced infant food does not improve mental and motor development of Zambian infants: a randomised controlled trial.  
D. Manno, P. K. Kowa, H. K. Bwalya, J. Siame, S. Grantham-McGregor, K. Baisley, B. L. De Stavola, S. Jaffar & S. Filteau 556-566
- Significant inverse associations of serum *n*-6 fatty acids with plasma plasminogen activator inhibitor-1.  
S. Lee, J. D. Curb, T. Kadowaki, R. W. Evans, K. Miura, T. Takamiya, C. Shin, A. El-Saed, J. Choo, A. Fujiyoshi, T. Otake, S. Kadowaki, T. Seto, K. Masaki, D. Edmundowicz, H. Ueshima, L. H. Kuller & A. Sekikawa 567-572
- Parenteral amino acids v. dextrose infusion: an anabolic strategy to minimise the catabolic response to surgery while maintaining normoglycaemia in diabetes mellitus type 2 patients  
A. K. Lugli, F. Donatelli, T. Schrickler, C. H. Kindler, L. Wykes & F. Carli 573-580

**Dietary Survey and Nutritional Epidemiology**

- A school-based obesity control programme: Project Energize. Two-year outcomes.  
E. Rush, P. Reed, S. McLennan, T. Coppinger, D. Simmons & D. Graham 581-587

**Behaviour, Appetite and Obesity**

- How much should I eat? Situational norms affect young women's food intake during meal time.  
R. C. J. Hermans, J. K. Larsen, C. P. Herman & R. C. M. E. Engels 588-594
- Glucconeogenesis and protein-induced satiety.  
M. A. B. Veldhorst, K. R. Westerterp & M. S. Westerterp-Plantenga 595-600
- Prebiotic fibres dose-dependently increase satiety hormones and alter Bacteroidetes and Firmicutes in lean and obese JCR:LA-cp rats.  
J. A. Parnell & R. A. Reimer 601-613