

**Short Communications**

- Effect of lean red meat from lamb v. lean white meat from chicken on the serum lipid profile: a randomised, cross-over study in women.  
*R. Mateo-Gallego, S. Perez-Calahorra, A. Cenarro, A. M. Bea, E. Andres, J. Horro, E. Ros & F. Civeira* 1403–1407

- Plasma choline concentration varies with different dietary levels of vitamins B<sub>6</sub>, B<sub>12</sub> and folic acid in rats maintained on choline-adequate diets.  
*N. van Wijk, C. J. Watkins, M. Böhlke, T. J. Maher, R. J. J. Hageman, P. J. G. H. Kamphuis, L. M. Broersen & R. J. Wurtman* 1408–1412

**Molecular Nutrition**

- Isomer-specific effects of conjugated linoleic acid on blood pressure, adipocyte size and function.  
*V. DeClercq, C. G. Taylor & P. Zahrada* 1413–1421
- A variant in the heart-specific fatty acid transport protein 6 is associated with lower fasting and postprandial TAG, blood pressure and left ventricular hypertrophy.  
*A. Auinger, U. Helwig, M. Pfeuffer, D. Rubin, M. Luedde, T. Rausche, N. E. El Mokhtari, U. R. Fölsch, S. Schreiber, N. Frey & J. Schrezenmeir* 1422–1428

**Metabolism and Metabolic Studies**

- Bifidobacterium adolescentis* supplementation ameliorates visceral fat accumulation and insulin sensitivity in an experimental model of the metabolic syndrome.  
*J. Chen, R. Wang, X.-F. Li & R.-L. Wang* 1429–1434
- Refeeding with a high-protein diet after a 48 h fast causes acute hepatocellular injury in mice.  
*M. Oarada, T. Tsuzuki, T. Nikawa, S. Kohno, K. Hirasaka & T. Gono* 1435–1444
- Postprandial glucose, insulin and glucagon-like peptide 1 responses to sucrose ingested with berries in healthy subjects.  
*R. Törrönen, E. Sarkkinen, T. Niskanen, N. Tapola, K. Kilpi & L. Niskanen* 1445–1451

- Degradation of pectin in the caecum contributes to bioavailability of iron in rats.  
*T. Miyada, A. Nakajima & K. Ebihara* 1452–1457
- Imbalance of arginine and asymmetric dimethylarginine is associated with markers of circulatory failure, organ failure and mortality in shock patients.  
*M. Visser, M. A. R. Vermeulen, M. C. Richir, T. Teerlink, A. P. J. Houdijk, P. J. Kostense, W. Wisselink, B. A. J. M. de Mol, P. A. M. van Leeuwen & H. M. Oudemans-van Straaten* 1458–1465

**Microbiology**

- A randomised crossover study investigating the effects of galacto-oligosaccharides on the faecal microbiota in men and women over 50 years of age.  
*G. E. Walton, E. G. H. M. van den Heuvel, M. H. W. Kosters, R. A. Rastall, K. M. Tuohy & G. R. Gibson* 1466–1475

**Human and Clinical Nutrition**

- Protein levels in enteral feeds: do these meet requirements in children with severe cerebral palsy?  
*N. Schoendorfer, U. Tinggi, N. Sharp, R. Boyd, L. Vitetta & P. S. W. Davies* 1476–1481

The proportion of lycopene isomers in human plasma is modulated by lycopene isomer profile in the meal but not by lycopene preparation.

- M. Richelle, P. Lambelet, A. Rytz, I. Tavazzi, A.-F. Mermoud, C. Juhele, P. Borel & K. Bortlik* 1482–1488

Long-term impact of infantile short bowel syndrome on nutritional status and growth.

- J. F. Olieman, C. Penning, M. Spoel, H. IJsselstijn, T. L. van den Hoonaard, J. C. Escher, N. M. A. Bax & D. Tibboel* 1489–1497

Body size at birth modifies the effect of fat mass and obesity associated (*FTO*) rs9939609 polymorphism on adiposity in adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence (HELENA) study.

- I. Labayen, J. R. Ruiz, F. B. Ortega, F. Gottrand, I. Huybrechts, J. Dallongeville, K. Widhalm, M. Ferrari, A. Buyken, M. Kersting, G. Moschonis, D. Turck, S. Gómez, M. Sjöström, A. Meirhaeghe & L. A. Moreno* 1498–1504

Cholesterol-lowering efficacy of a microencapsulated bile salt hydrolase-active *Lactobacillus reuteri* NCIMB 30242 yoghurt formulation in hypercholesterolaemic adults.

- M. L. Jones, C. J. Martoni, M. Parent & S. Prakash* 1505–1513

Differential responses to selenomethionine supplementation by sex and genotype in healthy adults.

- G. F. Combs Jr, M. I. Jackson, J. C. Watts, L. K. Johnson, H. Zeng, J. Idso, L. Schomburg, A. Hoeg, C. S. Hoefig, E. C. Chiang, D. J. Waters, C. D. Davis & J. A. Milner* 1514–1525

**Dietary Surveys and Nutritional Epidemiology**

Maternal dietary patterns in pregnancy and fetal growth in Japan: the Osaka Maternal and Child Health Study.

- H. Okubo, Y. Miyake, S. Sasaki, K. Tanaka, K. Murakami, Y. Hirota & Osaka Maternal and Child Health Study Group* 1526–1533

Urbanisation, nutrition transition and cardiometabolic risk: the Benin study.

- H. Delisle, G. Ntandou-Bouzitou, V. Agueh, R. Sodjinou & B. Fayomi* 1534–1544

**Innovative Technique**

Prediction of fat-free mass and percentage of body fat in neonates using bioelectrical impedance analysis and anthropometric measures: validation against the PEA POD.

- B. E. Lingwood, A.-M. Storm van Leeuwen, A. E. Carberry, E. C. Fitzgerald, L. K. Callaway, P. B. Colditz & L. C. Ward* 1545–1552

**Behaviour, Appetite and Obesity**

The fake food buffet – a new method in nutrition behaviour research.

- T. Bucher, K. van der Horst & M. Siegrist* 1553–1560