

**Molecular Nutrition**

- In vivo* digestion of infant formula in piglets: protein digestion kinetics and release of bioactive peptides.  
K. Bouzerzour, F. Morgan, I. Cuinet, C. Bonhomme, J. Jardin, I. Le Huërou-Luron & D. Dupont 2105–2114
- Selenium inclusion decreases oxidative stress indicators and muscle injuries in sea bass larvae fed high-DHA microdiets.  
M. B. Betancor, M. J. Caballero, G. Terova, R. Saleh, E. Atalah, T. Benítez-Santana, J. G. Bell & M. Izquierdo 2115–2128
- 22 : 6n-3 DHA inhibits differentiation of prostate fibroblasts into myofibroblasts and tumorigenesis.  
F. Bianchini, E. Giannoni, S. Serni, P. Chiarugi & L. Calorini 2129–2137
- The effects of short-term genistein intervention on prostate biomarker expression in patients with localised prostate cancer before radical prostatectomy.  
B. Lazarevic, C. Hammarström, J. Yang, H. Ramberg, L. M. Diep, S. J. Karlsen, O. Kucuk, F. Saatcioglu, K. A. Taskèn & A. Svindland 2138–2147
- Postprandial expression of growth-related genes in Atlantic salmon (*Salmo salar* L.) juveniles fasted for 1 week and fed a single meal to satiation.  
L. M. P. Valente, N. I. Bower & I. A. Johnston 2148–2157
- Effect of phytochemicals on phase II enzyme expression in infant human primary skin fibroblast cells.  
E. Warwick, A. Cassidy, B. Hanley, Z. E. Jouni & Y. Bao 2158–2165

**Metabolism and Metabolic Studies**

- Differential effects of low-dose resveratrol on adiposity and hepatic steatosis in diet-induced obese mice.  
S.-J. Cho, U. J. Jung & M.-S. Choi 2166–2175
- High-protein – low-carbohydrate diet during pregnancy alters maternal plasma amino acid concentration and placental amino acid extraction but not fetal plasma amino acids in pigs.  
B. U. Metzler-Zebeli, I. S. Lang, S. Görs, K.-P. Brüssow, U. Hennig, G. Nürnberg, C. Rehfeldt, W. Otten & C. C. Metges 2176–2189
- Protein synthesis in gilthead sea bream: response to partial fishmeal replacement.  
C. G. Carter, E. Mente, Robin (Katersky) Barnes & I. Nengas 2190–2197

**Microbiology**

- Wholegrain oat-based cereals have prebiotic potential and low glycaemic index.  
M. L. Connolly, K. M. Tuohy & J. A. Lovegrove 2198–2206
- Ruminal protozoal contribution to the duodenal flow of fatty acids following feeding of steers on forages differing in chloroplast content.  
S. A. Huws, M. R. F. Lee, A. H. Kingston-Smith, E. J. Kim, M. B. Scott, J. K. S. Tweed & N. D. Scollan 2207–2214

**Human and Clinical Nutrition**

- Effects of neonatal enteral glutamine supplementation on cognitive, motor and behavioural outcomes in very preterm and/or very low birth weight children at school age  
J. F. de Kieviet, J. Oosterlaan, A. van Zwol, G. Boehm, H. N. Lafeber & R. M. van Elburg 2215–2220
- A re-analysis of the iron content of plant-based foods in the United Kingdom.  
S. F. A. Bruggaber, T. P. E. Chapman, C. W. Thane, A. Olson, R. Jugdaohsingh & J. J. Powell 2221–2228
- Effects of a wheat bran extract containing arabinoxylan oligosaccharides on gastrointestinal health parameters in healthy adult human volunteers: a double-blind, randomised, placebo-controlled, cross-over trial.  
I. E. J. A. François, O. Lescroart, W. S. Veraverbeke, M. Marzorati, S. Possemiers, P. Evenepoel, H. Hamer, E. Houben, K. Windey, G. W. Welling, J. A. Delcour, C. M. Courtin, K. Verbeke & W. F. Broekaert 2229–2242
- Influence of sugar type on the bioavailability of cocoa flavanols.  
A. Rodriguez-Mateos, M. J. Oruna-Concha, C. Kwik-Urbe, A. Vidal & J. P. E. Spencer 2243–2250

**Dietary Surveys and Nutritional Epidemiology**

- Zinc combined with vitamin A reduces upper respiratory tract infection morbidity in a randomised trial in preschool children in Indonesia.  
M. I. Kartasurya, F. Ahmed, H. W. Subagio, M. Z. Rahfiludin & G. C. Marks 2251–2260
- Dietary fatty acid intake, its food sources and determinants in European adolescents: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study.  
K. E. Vyncke, L. Libuda, T. De Vriendt, L. A. Moreno, M. Van Winckel, Y. Manios, F. Gottrand, D. Molnar, B. Vanaelst, M. Sjöström, M. González-Gross, L. Censi, K. Widhalm, N. Michels, C. C. Gilbert, C. Xatzis, M. C. Garcia, F. P. de Heredia, S. De Henauw, & I. Huybrechts on behalf of the HELENA consortium 2261–2273

**Behaviour, Appetite and Obesity**

- Differential effects of dairy snacks on appetite, but not overall energy intake.  
A. Dougkas, A. M. Minihane, D. I. Givens, C. K. Reynolds & P. Yaqoob 2274–2285
- Early weaning is associated with higher neuropeptide Y (NPY) and lower cocaine- and amphetamine-regulated transcript (CART) expressions in the paraventricular nucleus (PVN) in adulthood.  
V. Younes-Rapozo, E. G. de Moura, N. da Silva Lima, P. C. Barradas, A. C. Manhães, E. de Oliveira & P. C. Lisboa 2286–2295