

**Short Communication**

- Epigallocatechin gallate changes mRNA expression level of genes involved in cholesterol metabolism in hepatocytes.  
T. Goto, Y. Saito, K. Morikawa, Y. Kanamaru & S. Nagaoka 769-773

**Molecular Nutrition**

- Repeated and long-term treatment with physiological concentrations of resveratrol promotes NO production in vascular endothelial cells.  
S. Takahashi & Y. Nakashima 774-780
- Comparative effects of retinoic acid, vitamin D and resveratrol alone and in combination with adenosine analogues on methylation and expression of phosphatase and tensin homologue tumour suppressor gene in breast cancer cells.  
B. Stefanska, P. Salamé, A. Bednarek & K. Fabianowska-Majewska 781-790
- Somatic cytochrome c (CYCS) gene expression and promoter-specific DNA methylation in a porcine model of prenatal exposure to maternal dietary protein excess and restriction.  
S. Altmann, E. Muram, M. Schwerin, C. C. Metges, K. Wimmers & S. Ponsuksili 791-799
- Folate malabsorption is associated with down-regulation of folate transporter expression and function at colon basolateral membrane in rats.  
N. A. Wani, A. Hamid, K. L. Khanduja & J. Kaur 800-808

**Metabolism and Metabolic Studies**

- Growth, clinical chemistry and immune function in domestic piglets fed varying ratios of arachidonic acid and DHA.  
C. Tyburczy, K. S. D. Kothapalli, W. J. Park, B. S. Blank, Y.-C. Liu, J. M. Nauroth, J. P. Zimmer, N. Salem Jr & J. T. Brenna 809-816
- Lipid metabolism of orchietomised rats was affected by fructose ingestion and the amount of ingested fructose.  
S. Makino, T. Kishida & K. Ebihara 817-825
- Food additives such as sodium sulphite, sodium benzoate and curcumin inhibit leptin release in lipopolysaccharide-treated murine adipocytes *in vitro*.  
C. Ciardi, M. Jenny, A. Tschoner, F. Ueberall, J. Patsch, M. Pedrini, C. Ebenbichler & D. Fuchs 826-833
- Tracing metabolic routes of dietary carbohydrate and protein in rainbow trout (*Oncorhynchus mykiss*) using stable isotopes ( $^{13}\text{C}$  starch and  $^{15}\text{N}$  protein): effects of gelatinisation of starches and sustained swimming.  
O. Felip, A. Ibarz, J. Fernandez-Borrás, M. Beltran, M. Martin-Perez, J. V. Planas & J. Blasco 834-844
- Comparison of native and capric acid-enriched mustard oil effects on oxidative stress and antioxidant protection in rats.  
A. Sengupta & M. Ghosh 845-849

**Nutritional Endocrinology**

- The frequency of daily ethanol consumption influences the effect of ethanol on insulin sensitivity in rats fed a high-fat diet.  
L. Feng, B. Han, R. Wang, Q. Li, D. Bian, C. Ma, G. Song, L. Gao & J. Zhao 850-857

**Nutritional Immunology**

- Effects of yeast cell walls on performance and immune responses of cyclosporine A-treated, immunosuppressed broiler chickens.  
S. Zhang, B. Liao, X. Li, L. Li, L. Ma & X. Yan 858-866

- Dietary plasma proteins attenuate the innate immunity response in a mouse model of acute lung injury.  
M. Maijó, L. Miró, J. Polo, J. Campbell, L. Russell, J. Crenshaw, E. Weaver, M. Moretó & A. Pérez-Bosque 867-875

- Evaluation of the immune benefits of two probiotic strains *Bifidobacterium animalis* ssp. *lactis*, BB-12<sup>™</sup> and *Lactobacillus paracasei* ssp. *paracasei*, L. casei 431<sup>™</sup> in an influenza vaccination model: a randomised, double-blind, placebo-controlled study  
G. Rizzardini, D. Eskesen, P. C. Calder, A. Capetti, L. Jespersen & M. Clerici 876-884

**Human and Clinical Nutrition**

- Bioavailability of vitamin C from mashed potatoes and potato chips after oral administration in healthy Japanese men.  
Y. Kondo, C. Higashi, M. Iwama, K. Ishihara, S. Handa, H. Mugita, N. Maruyama, H. Koga & A. Ishigami 885-892
- The effects of micronutrient-fortified complementary/replacement food on intestinal permeability and systemic markers of inflammation among maternally HIV-exposed and unexposed Zambian infants.  
A. Mullen, L. Gosset, N. Larke, D. Manno, M. Chisenga, L. Kasonka & S. Filteau 893-902
- Marine n-3 fatty acids, atrial fibrillation and QT interval in haemodialysis patients.  
E. Kirkegaard, M. Svensson, C. Strandhave, E. B. Schmidt, K. A. Jørgensen & J. H. Christensen 903-909

**Dietary Surveys and Nutritional Epidemiology**

- Dietary reporting errors on 24 h recalls and dietary questionnaires are associated with BMI across six European countries as evaluated with recovery biomarkers for protein and potassium intake.  
H. Freisting, M. M. E. van Bakel, C. Biessy, A. M. May, G. Byrnes, T. Norat, S. Rinaldi, M. S. de Magistris, S. Grioni, H. B. Bueno-de-Mesquita, M. C. Ocke, R. Kaaks, B. Teucher, A.-C. Vergnaud, D. Romaguera, C. Sacerdote, D. Palli, F. L. Crowe, R. Tumino, F. Clavel-Chapelon, M.-C. Boutron-Ruault, K.-T. Khaw, N. J. Wareham, A. Trichopoulou, A. Naska, P. Orfanos, H. Boeing, A.-K. Illner, E. Riboli, P. H. Peeters & N. Shmami 910-920
- Effect of B-vitamins and n-3 PUFA supplementation for 5 years on blood pressure in patients with CVD.  
F. Szabo de Edelenyi, A.-C. Vergnaud, N. Ahluwalia, C. Julia, S. Hercberg, J. Blacher & P. Galan 921-927
- The role of glutathione S-transferase M1 and T1 gene polymorphisms and fruit and vegetable consumption in antioxidant parameters in healthy subjects.  
L.-H. Yuan, L.-P. Meng, W.-W. Ma, S. Li, J.-F. Feng, H.-L. Yu & R. Xiao 928-933