Metabolism and Metabolic Studies

Dietary supplementation of branched-chain amino acids increases muscle net amino acid fluxes through elevating their substrate availability and intramuscular catabolism in young pigs


Maternal protein restriction depresses the duodenal expression of iron transporters and serum iron level in male weaning piglets

W. Ma, J. Lu, S. Jiang, D. Cai, S. Pan, Y. Jia & R. Zhao 923-929

Daytime restricted feeding modifies the daily regulation of fatty acid β-oxidation and the lipoprotein profile in rats


Effects of NWT-03, an egg-protein hydrolysate, on blood pressure in normotensive, high-normotensive and mild-hypertensive men and women: a double-blind study

I. Plat, N. Sévigny, N. Morrison & R. P. Mensink 942-950

Vitamin D levels during pregnancy and associations with birth weight and body composition of the newborn: a longitudinal multiethnic population-based study

Å. R. Eggemoen, A. K. Jenum, I. Mdala, K. V. Knutsen, P. Lagerløv & L. Sletner 985-993

Behaviour, Appetite and Obesity

Faster eating rates are associated with higher energy intakes during an ad libitum meal, higher BMI and greater adiposity among 4·5-year-old children results from the Growing Up in Singapore Towards Healthy Outcomes (GUSTO) cohort


Nutritional Immunology

An investigation into the effects of maternal supplementation with excess iodine on the mechanisms and impacts of reduced IgG absorption in the lamb postpartum

F. M. McGovern, T. Sweeney, M. T. Ryan, S. Lott, F. P. Campion & T. M. Boland 951-963

Microbiology

The microbial community of the gut differs between piglets fed sow milk, milk replacer or bovine colostrum


Probiotics to prevent necrotising enterocolitis and nosocomial infection in very low birth weight preterm infants

J. Uberos, E. Aguilera-Rodríguez, A. Jerez-Calero, M. Molina-Oya, A. Molina-Carballo & E. Narbona-López 994-1000

Human and Clinical Nutrition

Effects of subacute ingestion of chlorogenic acids on sleep architecture and energy metabolism through activity of the autonomic nervous system and a remitting, phase-controlled, double-blind cross-over trial


Effects of maternal iodine deficiency on the development of the infant’s immune system: a population-based study

M. A. Díaz-Muñoz, C. A. Bello-Méndez & M. Díaz-Muñoz 985-993

Probiotics to prevent necrotising enterocolitis and nosocomial infection in very low birth weight preterm infants

I. Uherka, A. Zeyen-Buchanan, A. Symoneaux, M. Groh, D. A. P. Ocha, M. Miehe-Oya, A. Mullet-Castillo E. Martínez-Esparza 954-1000

Corrigendum

Vitamin D deficiency and sufficiency among Canadian children residing at high latitude following the revision of the RDA of vitamin D intake in 2010 – CORRIGENDUM

L. L. Munasinghe, Y. Yuan, N. D. Willows, E. L. Faught, J. P. Ekwaru & P. J. Veugelers 1052-1054

Cambridge Journals Online For further information about this journal please go to the journal website at: journals.cambridge.org/bjn