Molecular Nutrition

Linoleic acid, α-linolenic acid and enterolactone affect lipid oxidation and expression of lipid metabolism and antioxidant-related genes in hepatic tissue of dairy cows
É. Fortin, R. Blouin, J. Lapointe, H. V. Petit & M.-F. Palin
1199-1211

Expression profiling indicating low selenium-sensitive microRNA levels linked to cell cycle and cell stress response pathways in the CaCo-2 cell line
M. J. McCann, K. Rotjanapun, J. E. Hesketh & N. C. Roy
1212-1221

Dietary leucine supplementation alters energy metabolism and induces slow-to-fast transitions in longissimus dorsi muscle of weanling piglets
1222-1234

Metabolism and Metabolic Studies

Adult dogs are capable of regulating calcium balance, with no adverse effects on health, when fed a high-calcium diet
1235-1243

Heat-stabilised rice bran consumption by colorectal cancer survivors modulates stool metabolite profiles and metabolic networks: a randomised controlled trial
D. G. Brown, E. C. Borresen, R. J. Brown & E. P. Ryan
1244-1256

Human and Clinical Nutrition

Blood fatty acid changes in healthy young Americans in response to a 10-week diet that increased n-3 and reduced n-6 fatty acid consumption: a randomised controlled trial
1257-1269

The effect of increased fruit and vegetable consumption on selected macronutrient and micronutrient intakes in four randomised-controlled trials
1270-1278

Vitamin D status in renal transplant recipients living in a low-latitude city: association with body fat, cardiovascular risk factors, estimated glomerular filtration rate and proteinuria
1279-1290

High-quality fish oil has a more favourable effect than oxidised fish oil on intermediate-density lipoprotein and LDL subclasses: a randomised controlled trial
A. Rundblad, K. B. Holven, I. Ottestad, M. C. Myhrstad & S. M. Ulven
1291-1298

Waist circumference as a predictor of mortality in peritoneal dialysis patients: a follow-up study of 48 months
1299-1303

Selenium, selenoproteins and selenometabolites in mothers and babies at the time of birth
1304-1311

Probiotic yogurt and acidified milk similarly reduce postprandial inflammation and both alter the gut microbiota of healthy, young men
1312-1322

Dietary Surveys and Nutritional Epidemiology

Dietary inflammatory index and risk of reflux oesophagitis, Barrett’s oesophagus and oesophageal adenocarcinoma in a population-based case-control study
1323-1331

Behaviour, Appetite and Obesity

Polymannuronic acid ameliorated obesity and inflammation associated with a high-fat and high-sucrose diet by modulating the gut microbiome in a murine model
F. Liu, X. Wang, H. Su, Y. Yue, C. Fan & C.-J. Tang
1332-1342

Cambridge Journals. Online for further information about this journal please go to the journal website at: journals.cambridge.org/bjn
The British Journal of Nutrition is an international, peer-reviewed journal publishing original papers, review articles, short communications and technical notes on human and animal nutrition and basic science as applied to nutrition. Correspondence is encouraged in a Nutrient Discussion Forum. The Journal recognizes the multidisciplinary nature of nutritional science and encourages the submission of material from all of the specialties involved in research and clinical practice. The Journal also publishes supplements on topics of particular interest.

The British Journal of Nutrition is available online to subscribers at journals.cambridge.org/bjn. Tables of contents and abstracts are available free at the same website.

Editor-in-Chief
G C Bondy, University of East Anglia, UK

Deputy Editors
J B Anderson, University of North Carolina, USA
A F Budak, University of Palermo, Germany
D Hoffmann, ETH, Zurich, Switzerland
D K Melbourn, Texas A&M University, USA
A M Mithal, University of East Anglia, UK
D Prins, University of Ghent, Belgium
W D Ross, Rowett Research Institute, UK
E Roth, Auckland University of Technology, New Zealand
B Thompson, US Army Research Inst. of Environmental Medicine, USA

Reviews and Horizons Editor
A J Taylor, Rowett Research Institute, UK

Supplements Editor
M McKelvie, Queen University, Kingston, Canada

Statistics Editors
Y Bar, Dalhousie University, Canada
S Button, University of Southampton, UK
M Cudkowicz, Northwest University, South Africa
S D’Oliveira, University of South Australia, Australia
S Hall, Australian National University, Australia
S Hui, Monash University, Australia
G Kelley, West Virginia University, USA
K Ke, Peking University, China
W Qiu, Beijing Institute of Nutrition, China
C Riis, University of Copenhagen, Denmark
J Sandal, CBIO, Australia
M Sandl, Helmholtz Zentrum München, German Research Center for Environmental Health, Germany
B Woodman, Pluimert University, Australia
B Yong, Peking University, China
J Zhou, Shandong University, China

Editorial Board
J Cabrol, Doctor National de la Recherche, France
K Chadli, University of Western Australia, Australia
A A Khalil, University of Otago, New Zealand
T Rell, Stavanger University, Norway
I Tsokos, Zephyros General Hospital, Greece
K Uijtdewilligen, University of Reading, UK
M Kurgiainen, University of Helsinki, Finland
S Luzzani, Agricultural and Agri-Food Canada, Canada
L Lye, University of Oxford, UK
L M Capion, University of Toronto, Canada
D Luyendyk, Cornell University, USA
K Nutter, Northeastern University, USA
C Nutter, University of Copenhagen, Denmark
K Olgvick, School of Public Health, Canada
R S Olds, University of Virginia, USA
R B Olds, University of Colorado, USA
J C Oosting, Erasmus University, Netherlands
K J O’Toole, University of Ulster, UK
R D Polderman, Wageningen University, The Netherlands
S J Whiting, Institut National de la Recherche Agronomique, France
S A M Minihane, Auckland University of Technology, New Zealand
A J Sinclair, University of Southampton, UK
M Heo, University of Reading, UK
G Kelley, West Virginia University, USA
K Guel, Agronomique, France
A M Minihane, University of Auckland, New Zealand
S D Proctor, University of North Carolina, USA
C Ritz, Flinders University, Australia
R Thompson, Harvard Medical School, USA
B A Fielding, US Army Research Inst. of Environmental Medicine, USA
M J Leaver, University of North Carolina, USA
L Lauritzen, University of Copenhagen, Denmark
C G Taylor, University of Queensland, Australia
D L Topping, Deakin University, Australia
D Li, Zhejiang University, China

Application of membership is invited from anyone whose work has contributed to the scientific or clinical development of the Nutrition Society. The twelve issues starting January 2017 comprise Volume 117, the twelve issues starting July 2017 Volume 118.

Annual subscription rates:
Volumes 117/118 (24 issues): Internet/print package £1547/$3016/€2478

For more details, E-mail: special_sales@cambridge.org

Directions to Contributors can be found at journals.cambridge.org/bjn