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

British Journal of Nutrition

Volume 122, 2019 ISSN: 0007-1145

Publishing, Production, Marketing, and Subscription Sales Office:

Cambridge University Press Journals Fulfillment Department UPH, Shaftesbury Road Cambridge CB2 8BS, UK

For Customers in North America:

Cambridge University Press Journals Fullfillment Department 1 Liberty Plaza Floor 20 New York, NY 10006 USA

Publisher: Cambridge University Press

Special sales and supplements:

This Journal accepts relevant advertisements and inserts. We also provide bulk reprints of suitable papers to meet teaching or promotional requirements. The journal also publishes supplements on behalf of academic and corporate collaborators. Please contact Sarah Maddox at the Cambridge address for further details. E-mail: special sales@cambridge.org

Subscription information:

British Journal of Nutrition is an international journal published by Cambridge University Press on behalf of The Nutrition Society. The twelve issues starting January 2019 comprise Volume 121, the twelve issues starting July 2019 comprise Volume 122.

Annual subscription rates:

Volumes 121/122 (24 issues): Internet/print package £1550/\$3021 Internet only: £1077/\$2100

Any **supplements** to this journal published in the course of the annual volume are normally supplied to subscribers at no extra charge.

Back volumes are available. Please contact Cambridge University Press for further information.

Claims for non-receipt of journal issues will be considered on their merit and only if the claim is received within six months of publication. Replacement copies supplied after this date will be chargeable. **US POSTMASTERS:** please send address corrections to *British Journal of Nutrition*, Cambridge University Press, 1 Liberty Plaza, Floor 20, New York, NY 10006, USA.

Directions to Contributors are available from the Society at the address below or can be found on the Society's website at http://www.nutritionsociety.org.

Offprints: The author (or main author) of an accepted paper will receive a copy of the PDF file of their article. There will be an option to purchase paper offprints, these should be ordered at proof stage. No page charges are levied by this journal.

Copyright: As of 1 July 2000 the copyright of all articles submitted to *British Journal of Nutrition* are retained by the authors or their institutions. For articles prior to this date permission for reproduction of any part of the journal (text, figures, tables or other matter) in any form (on paper, microfiche or electronically) should be sought directly from the Society, at: The Publications Office, The Nutrition Society, 10 Cambridge Court, 210 Shepherds Bush Road, Hammersmith, London W6 7NJ, UK.

Disclaimer: The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable, but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk. Neither the Society nor Cambridge University Press accepts responsibility for any trade advertisement included in this publication.

This journal is printed on acid-free paper from renewable sources. Printed in the UK by Bell & Bain Ltd., Glasgow.

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

British Journal of Nutrition is covered in Current Contents®/Agriculture, Biology & Environmental Sciences, SciSearch®, Research Alert®, Current Contents®/Life Sciences, Index Medicus® (MEDLINE®), AGRICOLA®, CAB Abstracts TM, Global Health, BIOSIS® Database, EMBASE/Excerpta Medica and Elsevier BIOBASE/Current Awareness in Biological Sciences, CINAHL, and Chemical Abstracts Service.

480

BRITISH JOURNAL OF NUTRITION, VOLUME 122 - Number 4

Systematic Reviews	
Effects of nut and seed consumption on markers of glucose metabolism in adults with prediabetes: a systematic review of randomized controlled trials	
Agathi Ntzouvani, Smaragdi Antonopoulou and Tzortzis Nomikos	361
Circulating calcium levels and the risk of type 2 diabetes: a systematic review and meta-analysis	
J. Zhu, P. Xun, J. C. Bae, J. H. Kim, D. J. Kim, K. Yang and K. He	376
Molecular Nutrition	
Effect of process-induced common bean hardness on structural properties of <i>in vivo</i> generated boluses and consequences for <i>in vitro</i> starch digestion kinetics	
Andrea Pallares Pallares, Bram Loosveldt, Solomon N. Karimi, Marc Hendrickx and Tara Grauwet	388
Metabolism and Metabolic Studies	
Sodium butyrate protects against high-fat diet-induced oxidative stress in rat liver by promoting expression of nuclear factor E2- related factor 2	
Bo Sun, Yimin Jia, Shu Yang, Nannan Zhao, Yun Hu, Jian Hong, Shixing Gao and Ruqian Zhao	400
Nutritional Endocrinology	
Enhanced postprandial glucagon-like peptide-1 secretion during obesity development has a protective role against glucose intolerance	
induction in rats Jukkrapong Pinyo, Tohru Hira, and Hiroshi Hara	411
Human and Clinical Nutrition	
Long-term vitamin D and high-dose <i>n</i> -3 fatty acids' supplementation improve markers of cardiometabolic risk in type 2 diabetic patients with CHD	
Hamid Reza Talari, Vahid Najafi, Fariba Raygan, Naghmeh Mirhosseini, Vahidreza Ostadmohammadi, Elaheh Amirani, Mohsen Taghizadeh, Mohammad Hajijafari, Rana Shafabakhash and Zatollah Asemi	423
Association between breakfast skipping and postprandial hyperglycaemia after lunch in healthy young individuals Hitomi Ogata, Yoichi Hatamoto, Yusuke Goto, Eri Tajiri, Eiichi Yoshimura, Ken Kiyono, Yoshinari Uehara, Kentaro Kawanaka, Naomi Omi and	
Hiroaki Tanaka	431

Oligosaccharides in goats' milk-based infant formula and their prebiotic and anti-infection properties Andrea Leong, Zhiqian Liu, Hala Almshawit, Bogdan Zisu, Christopher Pillidge, Simone Rochfort and Harsharn Gill	441
Vitamin B ₁₂ status in kidney transplant recipients: association with dietary intake, body adiposity and immunosuppression Karine Scanci da Silva Pontes, Márcia Regina Simas Torres Klein, Mariana Silva da Costa, Kelli Trindade de Carvalho Rosina, Ana Paula Medeiros Menna Barreto, Maria Inês Barreto Silva and	
Suzimar da Silveira Rioja	450
Dietary Surveys and Nutritional Epidemiology	
The association of maternal dietary folate intake and folic acid supplementation with small-for-gestational-age births: a cross-sectional study in Northwest China Shanshan Li, Danmeng Liu, Ruo Zhang, Fangliang Lei, Xin Liu, Yue Cheng, Chao Li, Mengyao Xiao, Leqian Guo, Minmin Li, Binyan Zhang, Zhonghai Zhu, Guoshuai Shi, Yezhou Liu, Shaonong Dang and Hong Yan	459
Behaviour, Appetite and Obesity	
Predictors of successful weight loss with relative maintenance of fat-free mass in individuals with overweight and obesity on an 8-week low-energy diet	
Thea Toft Hansen, Mads Fiil Hjorth, Karoline Sandby, Sarah Vold Andersen, Arne Astrup, Christian Ritz, Mònica Bulló, Maria Lucia Camacho-Barcía, Jesús Francisco García-Gavilán,	
Jordi Salas-Salvadó, Joanne A. Harrold, Jason C.G. Halford and Anders Sjödin	468
Behaviour, Appetite and Obesity	
Coffee/tea consumption and depression: a risk assessment	
- oonoored concentration and depression, a risk assessment	400

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

Tomoyuki Kawada







