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

British Journal of Nutrition

Volume 121, 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.

BRITISH JOURNAL OF NUTRITION, VOLUME 121 - Number 7

Metabolism and Metabolic Studies	
Maternal dyslipidaemic diet induces sex-specific alterations in intestinal function and lipid metabolism in rat offspring Rafael Oliveira Pinheiro, Priscilla Paulo Lins, Jader Luciano Pinto de Carvalho, Emmanuel Veríssimo de Araújo, Adriano Francisco Alves, Ramon de Alencar Pereira, Lydiane Tavares Toscano, Alexandre Sérgio Silva, Evandro Leite de Souza, José Luiz de Brito Alves and Jailane de Souza Aquino	721
Developmental Biology	
Different forms and sources of iron in relation to colorectal cancer risk: a case—control study in China Hong Luo, Nai-Qi Zhang, Jing Huang, Xin Zhang, Xiao-Li Feng, Zhi-Zhong Pan, Yu-Ming Chen, Yu-Jing Fang and Cai-Xia Zhang	735
Nutritional Immunology	
Spirulina supplementation in a mouse model of diet-induced liver fibrosis reduced the pro-inflammatory response of splenocytes Tho X. Pham, Yoojin Lee, Minkyung Bae, Siqi Hu, Hyunju Kang, Mi-Bo Kim, Young-Ki Park and Ji-Young Lee	748
Human and Clinical Nutrition	
Effects of a 3-month dietary intervention with a lacto-ovo-vegetarian diet on vitamin B ₁₂ levels in a group of omnivores: results from the CARDIVEG (Cardiovascular Prevention with Vegetarian Diet) study M. Dinu, G. Pagliai, F. Cesari, B. Giusti, A. M. Gori, R. Marcucci, A. Casini and F. Sofi	756
Dairy foods and bone health throughout the lifespan: a critical appraisal of the evidence Sandra Iuliano and Tom R. Hill	763
Associations between dietary insulin load with cardiovascular risk factors and inflammatory parameters in elderly men: a cross-sectional study Hadis Mozaffari, Nazli Namazi, Bagher Larijani, Pamela J. Surkan and Leila Azadbakht	773
Effect of the flavonoid hesperidin on glucose and fructose transport, sucrase activity and glycaemic response to orange juice in a crossover trial on healthy volunteers Asimina Kerimi, Julia S. Gauer, Susannah Crabbe, Jia W. Cheah, Jay Lau, Rosa Walsh, Paul F. Cancalon and Gary Williamson	782

Non-dietary factors associated with <i>n-</i> 3 long-chain PUFA levels in humans — a systematic literature review	
Renate H. M. de Groot, Rebecca Emmett and Barbara J. Meyer	793
Effects of magnesium supplementation on carotid intima-media	
thickness and metabolic profiles in diabetic haemodialysis patients:	
a randomised, double-blind, placebo-controlled trial	
Hamid Reza Talari, Mehrafrouz Zakizade, Alireza Soleimani, Fereshteh	
Bahmani, Amir Ghaderi, Naghmeh Mirhosseini, Masoumeh Eslahi,	000
Mahtab Babadi, Mohammad Ali Mansournia and Zatollah Asemi	809
Dietary Surveys and Nutritional Epidemiology	
Effect of pyrroloquinoline quinone disodium in female rats during	
gestating and lactating on reproductive performance and the	
intestinal barrier functions in the progeny	
Boru Zhang, Wei Yang, Hongyun Zhang, Shiqi He, Qingwei Meng, Zhihui	010
Chen and Anshan Shan	818
Dietary nitrate consumption and risk of CHD in women from the Nurses' Health Study	
Jacklyn K. Jackson, Geng Zong, Lesley K. MacDonald-Wicks, Amanda J.	
Patterson, Walter C. Willett, Eric B. Rimm, JoAnn E. Manson and Mark A. McEvoy	831
Letter to the Editor	
Low 10-year reproducibility of glycaemic index and glycaemic load in	
a prospective cohort study: methodological and statistical issue to avoid misinterpretation	
Sohrab Iranpour and Siamak Sabour	839

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







