**C**AMBRIDGE

### **JOURNALS**

# Nutrition Research Reviews

Published on behalf of The Nutrition Society

#### **Editor-in-Chief**

Graham C. Burdge, University of Southampton, UK

Nutrition Research Reviews offers a comprehensive overview of nutritional science today. By distilling the latest research and linking it to established practice, the journal consistently delivers the widest range of in-depth articles in the field of nutritional science and has done so for the past twenty-one years. It presents up-to-date, concise and critical reviews of key topics in nutrition science, advancing new concepts and hypotheses that encourage the exchange of fundamental ideas on nutritional well-being in both humans and animals.

Submit your article online **nrr.msubmit.net** 

Register for free content alerts **journals.cambridge.org/nrr-alerts** 



## Impact Factor 4.842

Ranked **4/72**Nutrition and Dietics

2011 Journal Citation Reports®

To subscribe contact Customer Services

#### Cambridge:

Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 journals@cambridge.org

#### New York:

Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 subscriptions\_newyork@cambridge.org





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

#### **British Journal of Nutrition**

Volume 113, 2015 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 100 Brook Hill Drive West Nyack New York 10994-2133 USA

Publisher: Katy Christomanou

#### 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 2015 comprise Volume 113, the twelve issues starting July 2015 comprise Volume 114.

#### **Annual subscription rates:**

Volumes 113/114 (24 issues): Internet/print package £1575/\$3071/€2523 Internet only: £1094/\$2134/€1748

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, 100 Brook Hill Drive, West Nyack, New York 10994-2133.

**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 113 - Number 2	<u>.                                    </u>		
Impact of fish oils on the outcomes of a mouse model of acute <i>Pseudomonas aeruginosa</i> pulmonary infection.  E. Caron, JL. Desseyn, L. Sergent, N. Bartke, MO. Husson,		Dietary inflammatory index and risk of pancreatic cancer in an Italian case—control study. N. Shivappa, C. Bosetti, A. Zucchetto, D. Serraino, C. La Vecchia & J. R. Hébert	292–298
A. Duhamel & F. Gottrand	191–199	Intake patterns and dietary associations of soya protein consumption in adults and children in the Canadian Community	
Microbiology		Health Survey, Cycle 2.2.	
Colostrum whey down-regulates the expression of early and late inflammatory response genes induced by <i>Escherichia coli</i> and <i>Salmonella enterica</i> Typhimurium components in intestinal epithelial cells.  M. Blais, M. Fortier, Y. Pouliot, S. F. Gauthier, Y. Boutin, C. Asselin & M. Lessard	200–211	A. N. Mudryj, H. M. Aukema & N. Yu Impact of voluntary food fortification practices in Ireland: trends in nutrient intakes in Irish adults between 1997–9 and 2008–10. Á. Hennessy, E. M. Hannon, J. Walton & A. Flynn	299–309 310–320
		Nutritional Epidemiology	
Human and Clinical Nutrition		Resistant dextrin, as a prebiotic, improves insulin resistance	
Long-chain <i>n</i> -3 PUFA supplementation decreases physical activity during class time in iron-deficient South African school children.  C. M. Smuts, J. Greeff, J. Kvalsvig, M. B. Zimmermann & J. Baumgartner	212–224	and inflammation in women with type 2 diabetes: a randomised controlled clinical trial. A. Aliasgharzadeh, P. Dehghan, B. P. Gargari & M. Asghari-Jafarabadi	321–330
Wheat bran extract alters colonic fermentation and microbial	212-224	Behaviour, Appetite and Obesity	
composition, but does not affect faecal water toxicity: a randomised controlled trial in healthy subjects. K. Windey, V. De Preter, G. Huys, W. F. Broekaert, J. A. Delcour, T. Louat, J. Herman & K. Verbeke	225–238	Peripheral blood mononuclear cell gene expression profile in obese boys who followed a moderate energy-restricted diet: differences between high and low responders at baseline and after the intervention.	
Diet and glycaemia: the markers and their meaning. A report of the Unilever Nutrition Workshop. M. Alssema, H. M. Boers, A. Ceriello, E. S. Kilpatrick, D. J. Mela,		T. Rendo-Urteaga, S. García-Calzón, P. González-Muniesa, F. I. Milagro, M. Chueca, M. Oyarzabal, M. C. Azcona-Sanjulián, J. A. Martínez & A. Marti	331–342
M. G. Priebe, P. Schrauwen, B. H. Wolffenbuttel & A. F. H. Pfeiffer Selenium status in UK pregnant women and its relationship with hypertensive conditions of pregnancy. M. P. Rayman, S. C. Bath, J. Westaway, P. Williams, J. Mao,		Association of the duration of residence with obesity-related eating habits and dietary patterns among Latin-American immigrants in Spain.  A. C. Marín-Guerrero, F. Rodríguez-Artalejo, P. Guallar-Castillón, E. López-García & J. L. Gutiérrez-Fisac	343–349
J. J. Vanderlelie, A. V. Perkins & C. W. G. Redman	249–258	Chronic treatment with a tryptophan-rich protein hydrolysate	0.10 0.10
Dietary Surveys and Nutritional Epidemiology  Cross composition of diet quality indices for producting observed.		improves emotional processing, mental energy levels and reactio time in middle-aged women.	n
Cross-comparison of diet quality indices for predicting chronic disease risk: findings from the Observation of Cardiovascular Risk Factors in Luxembourg (ORISCAV-LUX) study.		M. H. Mohajeri, J. Wittwer, K. Vargas, E. Hogan, A. Holmes, P. J. Rogers, R. Goralczyk & E. L. Gibson	350–365
A. Alkerwi, C. Vernier, G. E. Crichton, N. Sauvageot, N. Shivappa & J. R. Hébert	259–269	Caffeine increases sugar-sweetened beverage consumption in a free-living population: a randomised controlled trial.	
Consumption of ready-made meals and increased risk of obesity: findings from the Observation of Cardiovascular Risk Factors		R. S. J. Keast, B. A. Swinburn, D. Sayompark, S. Whitelock & L. J. Riddell	366–371
in Luxembourg (ORISCAV-LUX) study. A. Alkerwi, G. E. Crichton & J. R. Hébert	270–277	Whey protein isolate decreases murine stomach weight and intestinal length and alters the expression of Wnt	
Association between dietary inflammatory index and prostate cancer among Italian men.		signalling-associated genes. L. McAllan, J. R. Speakman, J. F. Cryan & K. N. Nilaweera	372–379
N. Shivappa, C. Bosetti, A. Zucchetto, M. Montella, D. Serraino, C. La Vecchia & J. R. Hébert	278–283	Letter to the Editor	
Wearable cameras can reduce dietary under-reporting: doubly labelled water validation of a camera-assisted 24 h recall		The Diet from the North: a new paradigm of a healthy dietary pattern?  M. Bes-Rastrollo	380–381

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



L. Gemming, E. Rush, R. Maddison, A. Doherty, N. Gant, J. Utter

& C. Ni Mhurchu



284-291



M. Bes-Rastrollo



380-381