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

## **British Journal of Nutrition**

Volume 133, 2025 ISSN: 0007-1145

# Publishing, Production, Marketing, and Subscription Sales Office:

Cambridge University Press & Assessment Journals Fulfillment Department University Printing House, Shaftesbury Road Cambridge CB2 8EA, UK

## For Customers in North America:

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

### **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 2025 comprise Volume 133, the twelve issues starting July 2025 comprise Volume 134.

### **Annual subscription rates:**

Volumes 133/134 (24 issues): Internet/print package £2111/\$4115 Internet only: £1377/\$2687

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 & Assessment, 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 issue has been printed on FSC<sup>TM</sup>-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.

For EU product safety concerns, contact us at Calle de José Abascal, 56, 1°, 28003 Madrid, Spain, or email eugpsr@cambridge.org.

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.

# Volume: 133 Number: 6

# SPECIAL SECTION: IMPACT OF SUGAR REDUCTION POLICIES IN THE UK

### BEHAVIOUR, APPETITE AND OBESITY

Food marketing works. What next for the public health community?

Jean Adams 721

Supply- and demand-side drivers of the change in the sugar density of food purchased between 2015 and 2018 in Great Britain

Mathilde Gressier, Gary S. Frost, Zoe Hill, Danying Li, Jack Olney, Elisa Pineda, Victoria Targett, Michelle Young and Franco Sassi 725

### **HUMAN AND CLINICAL NUTRITION**

The effectiveness of mandatory v. voluntary food reformulation policies: a rapid review

Mathilde Gressier, Gary Frost, Zoe Hill, Danying Li, Jack Olney, Elisa Pineda, Victoria Targett, Michelle Young and Franco Sassi 737

Modelling the potential impact of food taxes based on nutrient and energy content in the UK: a simulation study
Danying Li, Mathilde Gressier, Zoe Hill, Jack Olney,
Victoria Targett, Michelle Young and Franco Sassi
751

### BEHAVIOUR, APPETITE AND OBESITY

A 'major breakthrough', yet potentially 'entirely ineffective'? Experts' opinions about the 'total ban' on unhealthy food marketing online in the UK's Health and Care Act (2022) Jennifer L. Harris, Emma Boyland, Magdalena Muc, Louisa Ells, Jayne Rodgers, Zoe Hill, Victoria Targett, Michelle Young and Mimi Tatlow-Golden

Food marketing, eating and health outcomes in children and adults: a systematic review and meta-analysis
Emma Boyland, Magdalena Muc, Anna Coates, Louisa Ells,
Jason C. G. Halford, Zoe Hill, Michelle Maden, Jamie Matu,
Maria J. Maynard, Jayne Rodgers, Victoria Targett,
Mimi Tatlow-Golden, Michelle Young and Andrew Jones

#### METABOLISM AND METABOLIC STUDIES

The protective effect of higher serum TAG (51:4) levels against Parkinson's disease Yajun Jing, Jinye Su, Honglin Zhu, Yiming Chen, Surmai Shukla,

Lianghong Yu, Dengliang Wang and Dezhi Kang 806

### **HUMAN AND CLINICAL NUTRITION**

Effects of soya consumption on serum adiponectin and leptin levels: An umbrella review of meta-analyses based on randomised controlled trials
Harikumar Pallathadka, Enwa Felix Oghenemaro,
Bahaa Ibrahim Saeed, N. Esanmurodova, Roopashree R,
Deepak Nathiya, Parjinder Kaur, M. Ravi Kumar, Muthena Kariem and Naher H. S.

817

855

### **DIETARY SURVEYS AND NUTRITIONAL EPIDEMIOLOGY**

Associations between inflammation-related dietary patterns and obesity: a cohort study among Tibetan adults Xiaomin Sun , Wenxiu Jian, Xiao Tang, Rui Li, Bin Zhang, Yingxin Chen, Haijing Wang, Lei Zhao, Yangrui Zhang, Kumpei Tanisawa, Zumin Shi, Youfa Wang and Wen Peng 827 Increased costs associated with greater adherence to the EAT-Lancet Commission reference diet in the province of Québec: the PREDISE Study Gabrielle Rochefort, Marie-Claude Paquette, Julie Robitaille, 837 Simone Lemieux, Véronique Provencher and Benoît Lamarche Nutrient intake variability and number of days needed to estimate usual intake in children and adolescents with autism spectrum disorder Eduarda Silva, Laura Hoffmann, Kamila Castro, 845 Eliseu Verly Junior, Sandra Valle and Juliana S Vaz

The association of cognitive task scores with energy intake measurement error from technology-assisted 24-h recalls Clare Whitton, Barbara A. Mullan, Satvinder S. Dhaliwal, Richard Norman, Carol J. Boushey, Clare E. Collins, Megan E. Rollo and Deborah A. Kerr





763

781