



Annual Report 2022

Published 2023

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[UK Nutrition and Health Claims Committee webpage](#)

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Foreword

It is my pleasure to introduce the second annual report of the United Kingdom Nutrition and Health Claims Committee (UKNHCC) which covers the work of the committee in 2022. This is my second report as Chair of UKNHCC.


The secretariat continued to facilitate virtual meetings to allow the committee to discuss, process, and assess submitted health claim applications.

Throughout 2022 the committee and secretariat continued to work on a draft Framework for Evaluation of Evidence Submitted for the Substantiation of Nutrition and Health Claims which was subsequently published.

In August 2022, UKNHCC received its first application for an Article 14 (1) (a) health claim on a single component of *Morus alba* (white mulberry) leaf extract and assisting healthy blood glucose levels and published the Scientific Opinion in January 2023.

As Chair, and member of SACN and the Food Standards Agency (FSA) Advisory Committee on Novel Foods and Processes (ACNFP), I continue to provide a link between the committees, and I look forward to providing updates where relevant.

Finally, I would like to give sincere thanks to members of the committee and the secretariat, for their commitment to the work of UKNHCC in 2022.

A handwritten signature in black ink, appearing to read 'Susan Fairweather-Tait', written in a cursive style.

Professor Susan Fairweather-Tait, Chair

About the committee

The role of the United Kingdom Nutrition and Health Claims Committee (UKNHCC) is to provide scientific advice on, and risk assessment of, the evidence for nutrition and health claims. It provides scientific opinions to the UK government authorities.

UKNHCC is supported in its work by a secretariat provided by the Department of Health & Social Care (DHSC) Office for Health Improvement and Disparities (OHID) (previously supported by Public Health England until 30 September 2021). The secretariat has scientific expertise to support the decision-making progress of the Committee.

UKNHCC's terms of reference are provided in [Annex 1](#).

Openness

UKNHCC is committed to a policy of openness and engagement. Meeting agendas and minutes are published on the [committee website](#). However, meetings are held in closed session due to the need to protect commercially sensitive information and to protect the quality of the evaluation process. There are up to 6 meetings of the UKNHCC a year subject to applications received. All meetings in 2022 were held virtually.

Membership

Details of membership of the committee can be found in [Annex 2](#). Biographies of all members are provided in [Annex 3](#).

Members are appointed as independent scientific experts on the basis of their specific skills and knowledge in line with the [UKNHCC Code of Practice](#).

Remuneration and committee finance

Remuneration and committee finances are shown in [Annex 4](#).

Declaration of interests

Members are required to declare all their interests at the time of their appointment and to promptly notify the secretariat of any changes. Before, or at the start of every meeting, members are asked to declare any changes to their interests which are recorded in the minutes. It is the responsibility of each member to indicate if they have an interest in any item of business on the agenda of a meeting of UKNHCC.

UKNHCC's policy on identifying and declaring interests and handling any potential or actual conflict of interests is set out in the [UKNHCC Code of Practice](#).

A [register of members' interests](#) is maintained on UKNHCC's website. The register is updated as soon as possible after an interest is declared. A snapshot of the register of interests is included in [Annex 5](#).

Procedures

Meeting agendas are compiled from a number of sources including outstanding items from previous meetings, items suggested by the committee and secretariat, items suggested by outside bodies as well as the nutrition and health claim applications received.

UKNHCC's work in 2022

This is the second annual report of UKNHCC and covers the calendar year 2022.

The committee met twice in 2022: on 14 October and 25 November. Both meetings were chaired by Professor Susan Fairweather-Tait and held virtually.

Work programme

The following issues were on the committee's main work programme:

- Process for risk assessing nutrition and health claim applications
- Scientific opinion on a single component of *Morus alba* (white mulberry) leaf extract and assisting healthy blood glucose levels
- Development of a framework for Evaluation of Evidence Submitted for the Substantiation of Nutrition and Health Claims

The [UKNHCC code of practice](#) sets out how the committee puts into practice the guidelines governing scientific advisory committees and a framework for the evaluation of evidence; these follow a similar approach to that of the [Scientific Advisory Committee on Nutrition \(SACN\)'s code of practice](#), the [SACN framework for the evaluation of evidence](#) and the [European Food Safety Authority \(EFSA\)'s scientific and technical guidance](#) to ensure a consistent approach is taken with all reviews.

The committee discussed the process for evaluating evidence and ways of working for risk assessing nutrition and health claim applications at all meetings. The committee also continued to develop the UKNHCC Framework for the Evaluation of Evidence Submitted for the Substantiation of Nutrition and Health Claims. The UKNHCC framework will be a working document that is subject to regular review. Each updated version of the UKNHCC framework will be published with a new version number and will include an annex of changes made. A draft revised framework was presented for discussion at the UKNHCC meeting in October 2022. An updated version was then considered at the November 2022 meeting where members agreed the updated Framework for publication subject to a few minor changes.

The [Framework for Evaluation of Evidence Submitted for the Substantiation of Nutrition and Health Claims](#) was subsequently published in March 2023.

The UKNHCC secretariat observed the [SACN Subgroup on framework and methods for evaluation of evidence](#) and provided updates to members at meetings.

The Chair as an existing ACNFP member continued to provide the link from both UKNHCC and the Scientific Advisory Committee on Nutrition (SACN) and to provide updates via the SACN Government Update meeting paper. The secretariat can

attend ACNFP meetings when appropriate to observe relevant discussions and remain in contact with the ACNFP secretariat to update the Committee as needed.

The committee discussed the 002UKNHCC Article 14(1) (a) health claim application from Ascarit UK on a single component of Morus alba (white mulberry) leaf extract and assisting healthy blood glucose levels pursuant to Article 14(1)(a) at meetings held on 14 October and 25 November 2022. The [Scientific Opinion](#) was published on 20 January 2023, the committee concluded that:

- the food, Morus alba (white mulberry) leaf extract, which is the subject of the proposed health claim, is not sufficiently characterised in relation to the claimed effect
- the claimed effect in patients with type 2 diabetes mellitus does not comply with the criteria laid down in Regulation (EC) No 1924/2006. The proposed wording of the claim “clinically proven in assisting healthy blood glucose levels” does not meet the criteria to be considered for an Article 14(1)(a) health claim
- a cause-and-effect relationship cannot be established between the consumption of Morus. alba (white mulberry) leaf extract and the claimed effect and no evidence has been provided on the link between the claimed effect and risk of developing type 2 diabetes mellitus

Annex 1

UKNHCC's terms of reference

The UK Nutrition and Health Claims Committee (UKNHCC) is a committee of independent experts set up to provide scientific advice to the UK government on the substantiation of scientific evidence underpinning nutrition and health claim applications.

The UK government and devolved administrations makes decisions on whether to authorise nutrition and health claims.

The UKNHCC is supported in its work by a secretariat provided by OHID DHSC. (Prior to October 2021 the secretariat was based at in PHE).

The secretariat has scientific expertise to support the decision-making processes of the committee. The committee does not advise on how recommendations are taken forward for policy; the committee's role is risk assessment and not risk management.

Annex 2

Membership of the committee

Chair

Professor Susan Fairweather-Tait
Professor of Human Nutrition, Norwich Medical School, University of
East Anglia

Other members

Dr Robert Boyle
Clinical Reader in Paediatric Allergy, Imperial College London, and
Associate Professor of Evidence-Based Dermatology, University of
Nottingham

Professor Judith Buttriss
Director General of the British Nutrition Foundation until December
2021
Chair of Trustees at the Academy of Nutrition Sciences (ANS) from
October 2021

Dr Francesca Crowe
Research Fellow at the Institute of Applied Health Research, University
of Birmingham

Professor Alison Gallagher
Professor of Public Health Nutrition, Ulster University

Dr Darren Greenwood (from July 2021, co-opted from SACN)
Senior Lecturer in Biostatistics, University of Leeds

Professor Marina Heinonen
Professor of Food Safety (Chemical Food Safety) at the University of
Helsinki, Finland and the Head of the Department of Food and Nutrition

Professor Harry McArdle
Emeritus professor Rowett Institute of Nutrition and Health, University
of Aberdeen
Trustee, Academy of Nutrition Sciences (ANS)

Professor Anders Sjödin
Medical doctor and emeritus professor of Obesity Research,
Department of Nutrition, Exercise and Sports, Copenhagen University,
Denmark

Observers

Ms Alison Black (until May 2022)
Welsh Government

Ms Sarah Clarke
Welsh Government

Mr Chika Edeh
Food Standards Scotland

Ms Kerry Gribbin
Food Standards Agency Northern Ireland

Ms Debby Webb
Department of Health and Social Care, England

Secretariat Office for Health Improvement and Disparities

Ms Haley Bell (until October 2022)
Dr Adrienne Cullum
Dr Jennifer Garry
Ms Celia Sabry-Grant

Annex 3

Committee members' biographies

Professor Susan Fairweather-Tait (Chair)

Professor of Human Nutrition, Norwich Medical School, the University of East Anglia. Her main research interests are mineral metabolism and requirements. She has served on a number of national and international advisory committees, including the Scientific Advisory Committee on Nutrition (SACN) Iron Working Group, the European Food Safety Authority (EFSA) Panel on Nutrition, Novel Foods and Food Allergens (NDA), and the EFSA Health Claims Working Group, and the US National Academy of Sciences (NAS) Committee on Harmonization of Methods for Estimating Nutrient Intake References. She is currently a member of the UK Food Standards Agency (FSA) Advisory Committee on Novel Foods and Processes (ACNFP) (2020 to 2023), the Scientific Advisory Committee on Nutrition (SACN) (2021 to 2027) and a SACN representative on the Board of the National Diet and Nutrition Survey, the Scientific Advisory Group for the New Nordic Nutrition Recommendations (2019 to 2022), the Technical Advisory Group for Global Anaemia Exemplars funded by the Gates Foundation (2020 to 2022), the Big C Research Advisory Panel, and chair of the Food and Agriculture Organization (FAO)/World Health Organization (WHO) expert group on nutrient requirements for children aged 0 to 36 months. She was elected a Fellow of the American Society for Nutrition in 2017 and an Honorary Fellow of the UK Nutrition Society in 2021.

Dr Robert Boyle

Clinical Reader in Paediatric Allergy at Imperial College London, and Associate Professor of Evidence-Based Dermatology at the University of Nottingham. His clinical trial and evidence synthesis work investigates ways to prevent the development of allergic conditions, using nutritional and non-nutritional interventions during pregnancy or the first year of life, and research integrity in the field of infant nutrition. He works for Cochrane as Senior Editor of the Children and Families Network and Joint Coordinating Editor of Cochrane Skin.

Professor Judith Buttriss

Chair of Trustees of the Academy of Nutrition Sciences (ANS). She is a public health nutritionist, specialising in nutrition science communication and provision of targeted advice on the application of science to underpin nutrition strategies. She was Science Director (1998 to 2007) and then Director General (2007 to 2021) of the British Nutrition Foundation (BNF). She is a Visiting Professor at the University of Surrey. In 2018 she was awarded an Honorary Fellowship by the Nutrition Society (NS) and is a Fellow and past trustee of the Association for Nutrition (AfN). Since 2019 she has been a Trustee of the ANS, and in October 2021 she became Chair. She is a member of the Strategic Advisory Board of the UK's Global Food Security

Programme and has contributed to the work of a number of government committees, most recently the Family Food Survey user group and committees concerning nutrient profiling, school food standards and the Eatwell Guide. She chairs the Steering group for the Biotechnology and Biological Sciences Research Council's (BBSRC) Diet and Health Research Industry Club (DRINC) funding programme and is a member of the Medical Research Council's (MRC) UK Nutrition Research Partnership committee. She has first-hand experience of a number of nutrition issues and their interaction with public health. She has written numerous reviews, articles and book chapters on a wide range of diet and health topics, as diverse as health claims, plant foods and health, child nutrition, healthy ageing, and environmentally sustainable diets. She is editor in chief of the journal Nutrition Bulletin.

Dr Francesca Crowe

Research Fellow at the Institute of Applied Health Research at the University of Birmingham. Most of her research focusses on the associations of the intake of certain foods and nutrients with the risk of developing diseases such as cardiovascular disease, cancer and digestive diseases in large prospective cohort studies. She also has an interest in the primary prevention of cardiovascular disease. She has authored over 100 peer-reviewed manuscripts to date in the field of epidemiology. Francesca also has an interest in nutrition and health claims and has spent time as a civil servant in New Zealand where her main role was to evaluate systematic reviews that have been provided by New Zealand food industry to make a self-substantiated health claims on foods.

Professor Alison Gallagher

Professor of Public Health Nutrition and Head of Doctoral College at Ulster University. Her research interests resonate within the area of obesity and include development of risk factors for disease, low-energy/non-nutritive sweeteners and their potential impact on health, physical activity and health (including implementation of lifestyle interventions at key stages across the lifecycle). A Registered Nutritionist (Public Health) and Fellow of the Association of Nutrition (FAfN), she is an active member of the UK/Ireland Nutrition Society (NS) being Honorary Programmes Secretary for UK NS from 2010 to 2017, co-Chair of the [Scientific Committee for the Federation of Nutritional Sciences \(FENS\) 13th European Nutrition Conference](#) (held in Dublin, October 2019, co-Editor of the Nutrition Society textbook Introduction to Human Nutrition (3rd edition) and is currently Chair of the Nutrition Society Irish Section and Editor-in-Chief for the Proceedings of the Nutrition Society. She is a passionate advocate for the European Nutrition Leadership Platform (ENLP), having first participated in the ENLP seminars in 1997 and being involved with this international leadership programme ever since, being the current Chair/President of the [ENLP Board](#).

Dr Darren Greenwood

Senior Lecturer in Biostatistics, School of Medicine, University of Leeds. His research focuses on the development and application of statistical methods in nutrition and perinatal epidemiology. Recent research includes meta-analysis of observational studies, pooling individual participant data across separate studies,

and correcting for measurement error and incomplete data in nutrition epidemiology. Current work includes investigation of dietary patterns in relation to health outcomes and validation of dietary assessment tools using objective recovery and predictive biomarkers. He was the Director of the World Health Organization (WHO) Collaborating Centre for Nutritional Epidemiology from 2018 to 2022, has authored over 200 research articles, served on the Royal Statistical Society (RSS) Medical Section committee, is a member of the UK Scientific Advisory Committee on Nutrition (SACN) and is a regular statistical reviewer for a number of leading international journals.

Professor Marina Heinonen

Professor of Food Safety (Chemical Food Safety) at the University of Helsinki, Finland and Head of the Department of Food and Nutrition. Previously she has held a position as Professor of Functional Foods (2002 to 2007). Her main interests involve reactions in foods such as oxidation, food compositional analyses, and functional properties of plant phenolics. In 2007 to 2012 she has been a member of the Research Council for Biosciences and Environment at the Academy of Finland. She is serving as an evaluator for research grants at the European Research Council since 2017 and earlier also in 2010 to 2015. She is a scientific expert member at the European Food Safety Authority (EFSA) since 2004 including past membership of the Scientific Panel on Food Additives and Nutrient Sources Added to Food (ANS) (2004 to 2006) and Panel on Nutrition, Novel Foods and Food Allergens (NDA) (2006 to 2009, 2012 to 2018) and its working group on health claims (2007 to 2018). At present she is a member of the EFSA working group of novel foods (since 2006) currently also including evaluation of safety of nutrient sources.

Emeritus Professor Harry McArdle

Deputy Director of the Rowett Research Institute, University of Aberdeen, until his retirement in 2015. He is now emeritus professor, University of Aberdeen. He is a Registered Nutritionist (Nutritional Sciences) and a Fellow of the Royal Societies of Biology and of Medicine. He is a Member and Vice-Chair of the European Food Safety Authority (EFSA) Panel on Nutrition, Novel Foods and Food Allergens (NDA) and the Novel Foods Working Group and has served on other committees and working groups including EFSA Dietary Reference Values (DRV) Panel, EFSA Health Claims working group, the Scientific Advisory Committee on Nutrition (SACN), the Biotechnology and Biological Sciences Research Council (BBSRC) and Advisory Committee on Novel Foods and Processes (ACNFP). He was Chair of Trustees of the Academy of Nutrition Sciences (ANS) until October 2021 and a Trustee until December 2022.

Emeritus Professor Anders Sjödín

Medical doctor and emeritus professor of obesity research, Department of Nutrition, Exercise, and Sports, Copenhagen University, Denmark. His main research interests are related to prevention and treatment of obesity. This includes control of appetite and regulation of body weight, energy and substrate metabolism. He has also a background in sport nutrition and exercise physiology. Between 2012 and 2018 he

served as a member of the Panel on Nutrition, Novel Foods and Food Allergens (NDA) as well as in several working groups, including the Working Group on Health Claims, for the European Food Safety Authority (EFSA).

Annex 4

Remuneration and committee finance

The amount paid to committee members for fees in 2021 was:

- the Chair received a fee of £550 per meeting and £500 per reading day
- members not chairing received £500 per meeting and per reading day
- members who didn't attend a meeting but provided comments before or after the meeting also received a reading fee of a pro rata amount

The cost of the committee fees and expenses for the calendar year 2022, excluding secretariat resources, was £9,350. Costs were met by OHID.

Annex 5

UKNHCC Declarations of interest

Dr Robert Boyle

Personal interests

Imperial College London

Nature of interest: Employment

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Research, teaching and clinical practice

Dates: Since 2007

University of Nottingham

Nature of interest: Employment

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Research

Dates: Since 2017

Taus Cebullash and Landau LLP

Nature of interest: Consultancy for expert witness work

Financial: Yes. Amount received per annum over £5,000: Yes.

Subject matter: Written report and oral deposition in relation to a class action concerning claims made for an infant formula in USA

Dates: 2019 to present

Cochrane

Nature of interest: Senior Editor

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Senior Editor for the Children and Families Network of Cochrane Review Groups

Dates: October 2018 to December 2021

John Wiley and Sons

Nature of interest: Consultancy

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Joint Editor in Chief for the journal Clinical and Experimental Allergy

Dates: Editor in Chief 2021 to present

Several independent legal practices and coroner courts

Nature of interest: Consultancy for expert witness and medical witness work

Financial: Yes Amount received per annum over £5,000: No
Subject matter: Written medical assessments and court attendance in relation to cases of children and adolescents with food allergy
Dates: 2016 to 2021

Office for Health Improvement and Disparities (previously PHE)

Nature of interest: Subgroup on Maternal and Child Nutrition (SMCN)
Financial: Yes. Amount received per annum over £5000: No
Subject Matter: Advising on aspects of child and maternal diet and nutrition
Dates: January 2021 to present

Baby Feeding Law Group

Nature of interest: Membership of the Baby Feeding Law Group
Financial: No
Subject matter: provide expert comment on draft Department of Health and Social Care guidance note on formula claims
Dates: 2021 to present

Pediatric Allergy and Immunology Journal

Nature of interest: Editorial
Financial: No
Subject matter: Published opinion questioning the role of hydrolysed formula for feeding healthy infants
Dates: May 2021

Non-personal Interests

Nestlé

Nature of interest: My employing Institution, Imperial College London, has a research and innovation partnership with Nestlé.
Financial: No.
Subject matter: Nutrition Science. I am not involved in any Nestlé work at Imperial College London.
Dates: 2017 to present

NIHR RfPB programme

Nature of interest: Research grant
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Network meta-analysis project to evaluate comparative effectiveness of topical anti-inflammatory treatments for eczema
Dates: 2021 to 2023

NIHR RfPB programme

Nature of interest: Research grant
Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Development and feasibility testing of an intervention to prevent potentially harmful skincare practices during infancy
Dates: 2022 to 2025

NIHR Systematic Reviews programme

Nature of interest: Research grant
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Core funding for Cochrane Skin Group
Dates: 2020 to 2023

Imperial Charity

Nature of interest: Research grant
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Meta-research project evaluating conduct and reporting issues in clinical trials of breastmilk substitutes
Dates: 2018 to 2021

NIHR HTA Programme

Nature of interest: Research grant
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Trial of IgE tests for Eczema Relief (TIGER): randomised controlled trial of test-guided dietary advice for children with eczema, with internal pilot and nested economic and process evaluations
Dates: 2022 to 2027

Professor Judith Buttriss

As Director General of the British Nutrition Foundation, Professor Buttriss had administrative responsibility for the organisation's interests that are not covered by personal or non-personal interests until December 2021.

Personal interests

British Nutrition Foundation (BNF)

Nature of interest: Until end December 2021, Director General, 3 days per week (part time)

Financial: Yes (salary). Amount received per annum over £5,000: Yes. All payments received for work in which BNF has an interest are payable directly to the charity; no direct payments from food businesses or other sources were received.

Subject matter: Advising BNF on governance and strategy; external engagement (e.g. with government, health care professional bodies, industry, media). The role did not advise on the content of dossiers to support health claims. Limited involvement with projects/consultancy (details below)

BNF is a charity that raises income through projects, trust funds, grants, membership (corporate and individual students/new graduates), donations, training & conferences, sale of resources. Information about funding and a list of corporate members (current and past) can be found in [BNF's Annual Reports](#):

See a [list of current corporate members](#)

Dates: 2007 to December 2021

Association for Nutrition (AfN)

Nature of interest: Fellow and Registered Nutritionist.

Financial: No.

Subject matter: Membership.

Dates: Fellow: 2015 to present

Nutrition Society (NS)

Nature of interest: Honorary Fellow (since 2018), member.

Financial: No.

Subject matter: Membership.

Dates: 1980 to present

Biotechnology & Biological Sciences Research Council (BBSRC)

Nature of interest: Chair of Steering Group for BBSRC's Diet and Health Research Industry Club (DRINC).

Financial: Yes, (travel reimbursed). Amount received per annum over £5,000: No.

Subject matter: Panel chair, co-chair at dissemination events.

Dates: 2015 to present

Medical Research Council (MRC)

Nature of interest: Member of UK Nutrition Research Partnership committee.
Financial: No.
Subject matter: Nutrition research agenda.
Dates: 2018 to present

BNF/Wiley

Nature of interest: Editor of Nutrition Bulletin.
Financial: No.
Subject matter: Nutrition.
Dates: 2000 to present

Academy of Nutrition Sciences (ANS)

Nature of interest: Trustee from 2019, Chair of Trustees from October 2021.
Financial: No.
Subject matter: The ANS is a registered charity, established via a joint initiative between the Association for Nutrition (AfN), the British Dietetic Association (BDA), BNF and the NS.
Dates: 2019 to present

Global Food Security Programme (UKRI / government departments)

Nature of interest: Member of the Strategy Advisory Board for the Global Food Security Programme
Financial: No.
Subject matter: Nutrition advice
Dates: From 2022

UK Research and Innovation (UKRI)

Nature of interest: Assessment Panel Member
Financial: Yes. Amount received per annum over £5,000: No.
Subject matter: Transforming food systems; IAE Panel
Dates: June 2021, October 2022 respectively

Non-personal interests

BNF

Nature of interest: Organisation funding and charitable activities.
Financial: Yes (to BNF). Amount received per annum over £5000: Yes. Grant-providing Foundations and Trusts: All Saints Education Trust; Drummond Memorial Fund; Garfield Weston Foundation; Morrisons' Foundation.
Subject matter: Schools-related charitable activities; awards and prizes for schools and early career nutrition scientists; online training in nutrition; BNF Healthy Eating Week, resources (print and online).
Dates: 2015 to December 2021

BNF

Nature of interest: Organisation funding and charitable activities.

Financial: Yes (to BNF). Amount received per annum over £5000: Yes. Agriculture and Horticulture Development Board, Associated British Foods, Alpro UK Ltd, Arla, Asda Stores Ltd, British Sugar plc, Cargill (Truvia), Coca-Cola Great Britain and Ireland, Corbion, Costa, Danone Ltd, DuPont (UK) Ltd, Ella's Kitchen, Ferrero, General Mills, Greggs plc, Innocent Drinks, J Sainsbury plc, Kellogg Europe Trading Ltd, Kerry Foods Ltd, KP Snacks Limited, LoSalt, Marks and Spencer plc, Mars UK Ltd, McCain Foods (GB) Ltd, McDonald's Restaurants Ltd, Mitchells & Butlers Restaurants, Mondelez International, The National Association of British and Irish Millers, National Farmers Union Trust Company Ltd, Nestlé Nutrition, Nestlé UK Ltd, Nomad Foods Ltd, PepsiCo UK Ltd, Pladis, Premier Foods, Marlow Foods Ltd, Slimming World Ltd, Starbucks, Tata Consumer Products Ltd, Tate & Lyle plc, Tesco plc, The Co-operative Group Plc, Waitrose & Partners, Warburtons Ltd, Weetabix Ltd, Whitbread restaurants, Wm Morrison Supermarkets plc, Yakult.

Subject matter: BNF activities including nutrition-related services; charitable activities e.g. media, schools, health professional activities.

Dates: September 2020 to December 2021.

BBSRC

Nature of interest: Research (subcontractor).

Financial: Yes (funds to BNF). Amount received per annum over £5,000: Yes.

Subject matter: Nutrition science communication on fats and health.

Dates: 2018 to present

Nomad Foods

Nature of interest: Advisory Panel Member.

Financial: Yes (to BNF), travel, subsistence and honorarium. Amount received per annum over £5,000: No.

Subject matter: Nutrition from a public health perspective.

Dates: 2015 to December 2021

Jordan Dorset Ryvita

Nature of interest: Advisory Panel Member.

Financial: Yes (to BNF), travel reimbursement and honorarium. Amount received per annum over £5,000: No.

Subject matter: Nutrition from a public health perspective.

Dates: 2015 to December 2021

Slimming World

Nature of interest: Advisory Panel Member.

Financial: Yes (to BNF) travel and honorarium. Amount received per annum over £5,000: No.

Subject matter: Nutrition from a public health perspective.

Dates: 2015 to December 2021

Dr Francesca Crowe

Non-personal interests

National Institute for Health Research (Research for Patient Benefit)

Nature of Interest: Peer reviewer

Financial: No

Subject matter: peer reviewing research grant applications

Dates: from July 2021

IQVIA Scientific Research Committee

Nature of interest: Peer reviewer

Financial: No

Subject matter: peer reviewing protocols for approval to use primary care data from the IQVIA Medical Research Database

Dates: from January 2021

Home Office

Nature of interest: Research project grant

Financial: Yes (research funding to University of Birmingham). Amount received per annum over £5,000: Yes.

Subject matter: Preventing Violence against Women and Girls, and Supporting Children (PSVC)

Dates: from October 2022

National Institute for Health Research

Nature of interest: Research project grant.

Financial: Yes (research funding to University of Birmingham). Amount received per annum over £5,000: Yes.

Subject matter: impRoving testing for cardiometabolic diseases in women with previous gestational diabetes mellitus: an exemplar study on implementation and evaluation of a novel dAta-DrIven rANdomised clinical Trial platform in primary care (RADIANT)

Dates: from June 2022

National Institute for Health Research

Nature of interest: Research project grant.

Financial: Yes (research funding to University of Birmingham). Amount received per annum over £5,000: Yes.

Subject matter: OPTIMising therapies, disease trajectories, and AI assisted clinical management for patients Living with complex multimorbidity

Dates: from June 2021

Policy Matters

Nature of interest: Consulting

Financial: No. Amount received per annum over £5,000: No.
Subject matter: Advice on testing for blood levels of vitamin D in primary care, approaches to alleviate the burden of vitamin D deficiency in the UK
Dates: from May 2021 to present

Medical Research Council UK

Nature of interest: Research project grant.
Financial: Yes (research funding to University of Birmingham). Amount received per annum over £5,000: Yes.
Subject matter: Bringing Innovative Research Methods to Clustering Analysis of Multimorbidity.
Dates: October 2019 to present

Professor Susan Fairweather-Tait

Personal interests

Technical Advisory Group (funded by the Bill & Melinda Gates Foundation)

Nature of interest: Member of Technical Advisory Group for global anemia exemplars.

Financial: No.

Subject matter: Providing guidance on the selection of exemplar countries in relation to reducing the prevalence of anemia.

Dates: 2020 to 2022

FSA

Nature of interest: Member of UK Food Standards Agency Advisory Committee on Novel Foods and Processes.

Financial: Yes (honoraria received; travel reimbursed). Amount received per annum over £5,000. No.

Subject matter: Novel Food Applications.

Dates: 2020 to 2023

Big C

Nature of interest: Member of Advisory Panel.

Financial: No.

Subject matter: Reviewing grant applications.

Dates: 2019 to present

Nordic Nutrition Recommendations

Nature of interest: Member of the Scientific Advisory Group for the New Nordic Nutrition Recommendations.

Financial: No.

Subject matter: Providing advice on the new recommendations.

Dates: 2019 to present

Food and Agriculture Organization of the United Nations (FAO)/ World Health Organisation (WHO)

Nature of interest: Chair of FAO/WHO expert group on nutrient requirements for children aged 0 to 36 months.

Financial: No.

Subject matter: Setting DRVs.

Dates: 2020 to present

WHO

Nature of interest: Member of WHO Expert Advisory Panel.

Financial: No (travel and accommodation expenses can be reimbursed).

Subject matter: Contribute technical information and advice on developments within field of expertise.

Dates: 2020 to 2022

High Value Nutrition (HVN) New Zealand

Nature of interest: Grant reviewer.

Financial: Yes (fee paid per proposal). Amount received per annum over £5,000. No.

Subject matter: Reviewing grant proposals on food and health submitted to HVN.

Dates: 2020 to 2021

International Atomic Energy Agency (IAEA)

Nature of interest: Consultants' meeting for Coordinated Research Project (CRP) on long-term iron labelling.

Financial: No

Subject matter: Contribute to discussions about a proposed new CRP.

Dates: 29 June to 1 July 2021

Scientific Advisory Committee on Nutrition (SACN Office for Health Improvement and Disparities (previously Public Health England)

Nature of interest: Member of the Scientific Advisory Committee on Nutrition (SACN), member of Vitamin D fortification working group.

Financial: Yes (honoraria received; travel reimbursed). Amount received per annum over £5,000. No.

Subject matter: Contribute towards scientific advice provided by SACN.

Dates: 2021 to 2027

EFSA

Nature of interest: Member of Working Group on Upper Levels for Vitamins and Minerals (hearing expert for selenium, WG member for iron and vitamin B6)

Financial: Yes. Amount received per annum over £5,000: No.

Subject matter: Contribution to opinions on ULs

Dates: January 2022 to present

Foodomics 2022, Auckland

Nature of interest: [Conference presentation on the origins of health claims and their future recorded for Foodomics 2022](#), Auckland.

Financial: No

Subject matter: talk on health claims

Dates: 8 to 9 September 2022

National Diet and Nutrition Survey Rolling Programme

Nature of interest: Member of Project Board

Financial: No

Subject matter: Representative for SACN (micronutrients)

Dates: November 2022 to present

EFSA

Nature of interest: EFSA workshop on data and methodologies for establishing tolerable upper intake levels for vitamins and minerals.

Financial: Yes (honorary received). Amount received per annum over £5,000. No.

Subject matter: Participant in workshop

Dates: 28 to 29 September 2021

EFSA

Nature of interest: Scientific and technical support for mandated review of tolerable upper intake level of iron

Financial: Yes. Amount received per annum over £5,000: No.

Subject matter: Completion of questionnaire and attendance at expert hearing session.

Dates: October to November 2021

European Commission

Nature of interest: Remote expert for HORIZON-EIC-2021-TRANSITION- OPEN & CHALLENGES-01

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Reviewing grant proposals

Dates: 12 October to 12 December 2021

Non-personal interests

BBSRC

Nature of interest: OIRC hub application on Functional Foods (INFORM) (led by the University of Reading and the University of Leeds)

Financial: No

Subject matter: member of Steering Committee

Dates: 2022 to 2027

BBSRC

Nature of interest: OIRC hub application on Biofortification (led by Norwich Research Park)

Financial: No

Subject matter: co-chair of Advisory Board

Dates: 2022 to 2027

BBSRC

Nature of interest: Research grant.

Financial: Yes (Research funding awarded to UEA over 2 years for staff time and travel). Amount received per annum over £5,000: Yes.

Subject matter: Research on bioavailability of iron and zinc in potatoes (project in Peru).
Dates: April 2019 to present

Professor Alison Gallagher

Personal interests

European Nutrition Leadership Platform (ENLP)

Nature of interest: Voluntary work; Role: Chair/President, ENLP Board.

Financial: Yes, (travel and subsistence to attend meetings of the ENLP Board are reimbursed). Amount received per annum over £5,000: No.

Subject matter: Chair of ENLP Board, input on advice and guidance to Board in relation to ENLP.

Dates: 2015 to present

ENLP

Nature of interest: Voluntary work; Role: Co-Director of ENLP Essentials seminar.

Financial: Yes, (travel and subsistence to attend (as a co-Director of the ENLP Essentials programme) held annually in Luxembourg (over 8 days)). Amount received per annum over £5,000: No.

Subject matter: As Co-Director to ENLP Essentials seminar, engage training groups to deliver the seminar, advise and invite After Dinner Speakers and liaise with ENLP Alumni around their input on programme in Luxembourg.

Dates: 2018 to 2022

Northern Ireland Chest Heart and Stroke (NICHS)

Nature of interest: Charity/voluntary; Role: Member/ Vice-Chair of Scientific Research Committee.

Financial: No.

Subject matter: Reviewing research proposals submitted to the annual NICHS funding call and advising NICHS in relation to the quality of these applications for funding. Also input into NICHS business meeting which follows the research committee meeting.

Dates: 2018 to present

Editorial Advisory Board (EAB) for Nutrition Bulletin with the British Nutrition Foundation (BNF)

Nature of interest: Member/Chair of EAB of Nutrition Bulletin.

Financial: No.

Subject matter: Participate in two meetings of EAB per year. Assist with peer review of papers submitted to this journal and provide advice on the strategic direction of this journal.

Dates: 2019 to present (Chair role taken on from October 2020)

NS

Nature of interest: Editor-in-Chief, Proceedings of the Nutrition Society.

Financial: Yes (annual honoraria received for role). Amount received per annum over £5,000: No.

Subject matter: Editor-in-Chief, assist with peer review of papers submitted to this journal following presentation at Nutrition Society conferences/meetings and review of original communications (abstracts) submitted for presentation/publication.
Dates: 2020 to present

Scottish Government's Rural and Environment Science and Analytical Services Division (RESAS)

Nature of interest: Peer reviewer

Financial: Yes (honoraria to be received for participation as a peer reviewer).

Amount received per annum over £5,000: No.

Subject matter: A new Strategic Research Programme supported by RESAS - peer review process will be running from the 1st August 2021 through to 30th September 2021. Peer review input will be in relation to topic Human nutrition, which is a part of the theme on Sustainable Food System and Supply

Dates: 2021

Munster Technological University (MTU)

Nature of interest: Panel member

Financial: Yes (honoraria to be received for participation as a panel member).

Amount received per annum over £5,000: No.

Subject matter: MTU Transformation Fund (TUTF) Research and Innovation Call. Invited to participate as an external reviewer panel for applications related to the life sciences.

Dates: 2021

NS

Nature of interest: Charity/voluntary work; Role: Chair, NS Irish Section.

Financial: Yes, (travel and subsistence to attend committee meetings of Irish Section will be reimbursed)

Amount received per annum over £5,000: No.

Subject matter: Chiring Irish Section Committee meetings.

Dates: June 2022 to present

Non-personal interests

International Sweeteners Association (ISA)

Nature of interest: Consultancy; Role: Member of ISA Scientific Advisory Committee.

Financial: Yes, (honorarium received by employer (Ulster University) through consultancy for participation in meetings of the ISA Scientific Advisory Panel (2 meetings per year). Invited speaker contribution to an ISA webinar on 26th October 2022, presentation title Low/no calorie sweeteners in obesity and diabetes: does evidence support a useful role in public health? An honorarium was received by my employer for this contribution. The host organisation, the National Food and Nutrition Institute (INAN), Paraguay which is a technical body under the Ministry of Public Health and Social Wellbeing of Paraguay. Amount received per annum over £5,000: No.

Subject matter: Advising ISA in relation to the current scientific evidence available on sweeteners.

Dates: 2016 to present

European Nutrition Leadership Platform (ENLP)

Nature of interest: Support grant

Financial: Yes (funding to support an ENLP co-ordinator role). Amount received per annum over £5,000: Yes.

Subject matter: This grant income has been used to support Dr Kirsty Pourshahidi contribution as ENLP co-ordinator (0.2FTE) for 2 years.

Dates: 2021 to 2023

GENIUS School Food Network

Nature of interest: Pump-priming research grant

Financial: Yes. Amount received per annum over £5,000: No.

Subject matter: This award is supporting work undertaken as part of her PhD which I co-supervised

Dates: 2021 to 2022

Interreg CHITIN

Nature of interest: Research grant award

Financial: Yes. Amount received per annum over £5,000: Yes.

Subject matter: The Walking In ScHools (WISH) Trial: a cross-border trial to evaluate a walking intervention in adolescent girls. Funding was subsequently extended to complete the intervention in schools

Dates 2018 to 2023

safeFood

Nature of interest: Tender/Research Grant

Financial: Yes (Research funding for 18 months). Amount received per annum over £5,000: Yes.

Subject matter: Food messaging to children and adolescents – what works?

Dates: 2022 to 2024

Dr Darren Greenwood

As Director of the WHO Collaborating Centre in Nutritional Epidemiology 2018 to 2022, Dr Greenwood had administrative responsibility for Collaborating Centre interests that were not covered by personal or non-personal interests

Personal interests

Springer

Nature of interest: Book editor

Financial: Yes (royalties related to "Tu YK, Greenwood DC (Eds.) (2008) Modern Methods for Epidemiology. Springer." Amount received per annum over £5,000: No

Subject matter: Statistical methods

Dates: 2012 to present

Office for Health Improvement and Disparities (OHID) Previously Public Health England

Nature of interest: Scientific Advisory Committee on Nutrition (SACN)

Financial: Yes. Amount received per annum over £5000: No

Subject Matter: Advising on nutrition and related health matters

Dates: May 2018 to present

Taylor & Francis Publishers

Nature of interest: Peer review

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Peer review of proposed textbook

Dates: 2022

University of Agder

Nature of interest: Teaching

Financial: Yes

Amount received per annum over £5,000: No

Subject matter: Preparation of teaching materials

Dates: 2022

Non-personal interests

University of Leeds (World Health Organization Collaborating Centre)

Nature of interest: Head of Centre

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Nutritional Epidemiology

Dates: 2018 to 2022

British Heart Foundation

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Objective assessment of fatigue or dyspnoea as the mechanism of exercise limitation in heart failure: Implications for individualised therapy

Dates: 2019 to 2022

National Institute for Health Research

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Long Covid multidisciplinary consortium – optimising treatments and services across the NHS

Dates: 2021 to 2023

NHS England and NHS Improvement

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Evaluation of NHS Post COVID services using the ELAROS symptom tracking application

Dates: 2022 to 2023

Professor Marina Heinonen

As Departmental Head of Food and Nutrition, Professor Heinonen has administrative responsibility for institutional interests that are not covered by personal or non-personal interests

Personal interests

University of Helsinki

Nature of interest: Leadership and administration.

Financial: Yes, (honoraria received). Amount received per annum over £5,000: Yes.

Subject matter: Directorship.

Dates: 2018 to present

EFSA

Nature of interest: Scientific expert work.

Financial: Yes, (honoraria received). Amount received per annum over £5,000: Yes.

Subject matter: Risk assessment on the safety of novel foods.

Dates: 2018 to 2024

Non-personal interests

Novo Nordisk Foundation

Nature of interest: Member, Committee for Plant Science, Agriculture and Food Biotechnology.

Financial: Yes, (honoraria received). Amount received per annum over £5,000: Yes.

Subject matter: Evaluation of research grant applications.

Dates: 2020 to 2024

Emeritus Professor Harry J McArdle

Personal interests

EFSA

Nature of Interest: Member and Vice Chair, Nutrition Dietetics and Allergy Committee.

Financial: Yes, (honoraria received, travel and subsistence reimbursed). Amount received per annum over £5,000: Yes.

Subject Matter: Novel Foods Working Group, Upper Levels Working Group

Dates: 2021 to 2024

FSA

Nature of interest: Member of UK Food Standards Agency Advisory Committee on Novel Foods and Processes.

Financial: Yes (honoraria received; travel reimbursed). Amount received per annum over £5,000. No.

Subject matter: Novel food applications.

Dates: 2018 to present

ANS

Nature of interest: Chairman of Trustees until October 2021

Financial: Yes, Travel and subsistence reimbursed. Amount received per annum over £5,000: No.

Subject matter: The Academy of Nutrition Sciences is a joint initiative between the AfN, the British Dietetic Association (BDA), the BNF and NS.

Dates: Chairman of Trustees 2019 to October 2021; Trustee October 2021 to present

Royal Society of Medicine

Nature of Interest: Presentation to RSM Conference

Financial: Yes, travel and subsistence reimbursed. Amount received per annum over £5,000: No

Subject matter: Presentation entitled "Assessing potential health and nutrition claims: What evidence is required?"

Date: 29 November 2022

Emeritus Professor Anders Sjödin

Personal interests

Folicum AB

Nature of interest: Shareholder.

Financial: Yes (shareholdings) Value of shares over £5,000: Yes.

Subject matter: Passive owner

Dates: 2018 to 2022

EFSA

Nature of interest: Hearing expert (ad hoc) for the working group of claims (NDA panel).

Financial: Yes (Honoraria, travel and accommodation expenses reimbursed).

Amount received per annum over £5,000: No.

Subject matter: Advice on the evaluation of health claim applications.

Dates: 2018 to present

Non-personal interests

None