## Special Issue

# Impact of the Western Dietary Pattern on Human Health— Resolving Controversies and Challenges

## Message from the Guest Editor

The shift in Western dietary habits from natural foods to highly processed foods has brought greater convenience but also significant health concerns. The magnitude of such negative health impacts is the subject of considerable debate, especially because most conclusions are from observational epidemiological studies and so cannot establish causality. The Hill criteria combine epidemiological studies with biological studies (referred to as biological plausibility), and these, when assessed together, can assist in establishing causality. This Special Issue calls for papers that discuss biologically plausible underlying mechanisms and interactions that influence and help explain how nutrients and foods in the Western diet interact and how this impacts health. Examples of potential topics include the following:

- The influence of dietary factors and the food matrix on nutrient uptake from the gut;
- Negative or positive interactions between nutrients, e.g., inhibition of the formation of nitrosamines in processed meats.

#### **Guest Editor**

Dr. Richard Hoffman

School of Life and Medical Sciences, University of Hertfordshire, Hatfield, Herts AL10 9AB, UK

## Deadline for manuscript submissions

closed (15 October 2025)



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Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

mdpi.com/journal/ nutrients





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## **About the Journal**

## Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. Nutrients adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of Nutrients has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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- Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
- Research Institute of Biomedical and Health Sciences (IUIBS),
   University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
   Preventive Medicine Service, Centro Hospitalario Universitario
   Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las

#### Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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