

## Special Issue

# The Effects of Dietary Lipids on Inflammation and Gut Microbiota

### Message from the Guest Editor

There is evidence that impairments in lipid metabolism stimulate proinflammatory responses in the body, disturbing proper function of immune system. This might result in chronic inflammation that also affects the function of the digestive system, such as digestion, nutrient absorption, and intestinal barrier function. Furthermore, disturbances in gut microbial composition, known as gut dysbiosis, have been shown to have a significant impact on both the progression of the inflammatory process in the body and subsequent development of non-communicable diseases such as diabetes type II, cancer, and neurodegenerative diseases. Consequently, this Special Issue on 'The Effects of Dietary Lipids on Inflammation' aims to gather scientific evidence on the association among lipid metabolism, inflammation, and gut microbiota composition, as well as prospects to counteract diet-induced disturbances linked to lipid metabolism.

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### Guest Editor

Dr. Olena Prykhodko

Division of Food and Pharma, Department of Process and Life Science Engineering, Faculty of Engineering, Lund University, 221 00 Lund, Sweden

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### Deadline for manuscript submissions

closed (31 December 2023)



## Nutrients

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*Nutrients*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[nutrients@mdpi.com](mailto:nutrients@mdpi.com)

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

Prof. Dr. Maria Luz Fernandez

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

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