

Special Issue

The Role of the Gut Microbiota in Inflammation and the Potential for Manipulation

Message from the Guest Editor

Over the last decade, the field of microbiome research has exploded and our knowledge of the importance of the gut microbiome to intestinal health and wellbeing has increased significantly. The overall balance of the composition of the gut microbiota, as well as the contribution of key species and their metabolic by-products, is important in ensuring health, with microbiome disturbances being associated with the development of a range of diseases including nutrition-related disorders and chronic inflammation, inflammatory bowel disease (IBD), obesity, and metabolic syndrome. This Special Issue will focus on the influence of the gut microbiota on intestinal health and the development of inflammation, and the possibility to therapeutically manipulate this relationship, with a specific focus on using functional food ingredients and dietary interventions to promote health. The aim of this Special Issue is to bring together recent research on these topics. Manuscripts that provide novel and mechanistic insights into the role of the microbiota in inflammation are encouraged.

Guest Editor

Dr. Sinead Cristin Corr

Department of Microbiology, School of Genetics and Microbiology,
Moyné Institute of Preventative Medicine, Trinity College Dublin, 2
Dublin, Ireland

Deadline for manuscript submissions

closed (15 October 2021)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/85455

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

[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)





Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)



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.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

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 (UIBS), 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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)