



nutrients



an Open Access Journal by MDPI

Nutrition and Microbiome

Guest Editor:

Dr. Ghada Soliman

Department of Environmental,
Occupational and Geospatial
Health Sciences, The City
University of New York, Graduate
School of Public Health and
Health Policy, 55 West 125th St,
New York, NY 10027, USA

Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editor

Recent research documented that the human gut microbial distribution plays a role in diabetes, metabolic syndrome, and obesity. Dysbiosis, or derangements in the microbiota composition, has been associated with altered energy homeostasis, fermentation pathways, and metabolic dysregulation. Furthermore, recent advances in genomics and metabolomics have enabled the identification of several microbiota species and shed new light on microbe research. These advances link the diet, nutrient composition, and gut microbiome interactions. As such, the altered microbiome-host interactions may play a role in inflammation, insulin resistance, cardiometabolic risk, and diabetes.

In this Special Issue, we would like to address the microbiome, gut microbiota-host interaction, microbiome genomics, microbiome health, prebiotics, and probiotics, and their impact on diabetes, metabolic diseases, and obesity.



mdpi.com/si/52816

Special *Issue*



an Open Access Journal by MDPI

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 (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

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)

Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI