





an Open Access Journal by MDPI

Gut Microbiota in Disease and Health 2.0

Guest Editors:

Dr. Dulcenombre Gómez Garre

1. Microbiota and Cardiovascular Risk Laboratory, Hospital Clínico San Carlos, Physiology Department, Medical School, Complutense University, IdISSC, Madrid, Spain 2. Center for Biomedical Research Network in Cardiovascular Diseases (CIBERCV), Instituto de Salud Carlos III. Madrid, Spain

Dr. Javier Modrego

1. Microbiota and Cardiovascular Risk Laboratory, Hospital Clínico San Carlos, IdISSC, Madrid, Spain 2. Center for Biomedical Research Network in Cardiovascular Diseases (CIBERCV), Instituto de Salud Carlos III, Madrid, Spain

Deadline for manuscript submissions:

closed (5 July 2023)

Message from the Guest Editors

The aims of this Special Issue will be to delineate the molecular mechanisms by which gut microbiota affect host metabolism in a paracrine or an endocrine manner. Deepening into the molecular mechanisms of gut microbiota/host interactions and the functional effect of these interactions will highlight the importance of gut microbiota in health and disease, allowing better choices of treatments and diets for a better health, and opening new opportunities for personalized medicine.

Keywords

- microbiota
- microbiome
- gut metabolites
- short-chain fatty acids
- secondary bile acids
- microRNA
- microvesicles
- cell signaling
- prebiotics/probiotics
- nutrition













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us