



The Role of Dysbiosis in Chronic Diseases

Guest Editor:

Prof. Dr. Ana Isabel Beltrán-Velasco

Facultad de Psicología,
Universidad Antonio de Nebrija,
Hoyo de Manzanares, Spain

Deadline for manuscript
submissions:

20 July 2025

Message from the Guest Editor

Dear Colleagues,

Microbiota and its metabolites, the molecules produced in the gut during the breakdown of food, shape endocrine and neurological signals that directly impact both tissues and distant organs. Alterations in intestinal microbiota, known as intestinal dysbiosis, are recognized to be associated with the onset and progression of various chronic pathologies.

Therefore, the aim of this research topic is to study the impact of dysbiosis on people's health. In this Special Issue, we invite authors to submit their original research and review articles, contributing to a better understanding of the following topics:

Microorganisms in the modulation of the immune system.

Microbiota and the gut–brain axis.

Neurotransmitters and inflammatory processes.

Prebiotics, probiotics, and psychobiotics in chronic diseases.

Psychobiotics and nutrition.

Clinical applications using new interventions in chronic pathologies.





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, CAPus / SciFinder, and other databases.

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

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI