

## Special Issue

# The Role of Dysbiosis in Chronic Diseases

### Message from the Guest Editor

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.

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### Guest Editor

Prof. Dr. Ana Isabel Beltrán-Velasco

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### Deadline for manuscript submissions

closed (20 July 2025)



## International Journal of Molecular Sciences

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### 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.

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### Editor-in-Chief

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