

## Special Issue

# The Role of Commensal Microbiota in Human Health

### Message from the Guest Editor

Human microbiota are involved in a number of functions in the human body, from helping to digest polysaccharides and synthesizing vitamins to shaping and maintaining the immune system. For these reasons, host-microbiota relations are also called symbiotic. In contrast, when this delicate balance between the host and its microbes is compromised, this may result in a range of diseases that can affect many organs, from the gastrointestinal tract to the brain.

Currently, there is a substantial body of literature suggesting a variety of links between human disease and dysbiotic conditions. What is lacking, though, is the availability of mechanistic explanations of how the microbiota contribute to human health and disease. Thus, the main aim of this Special Issue is to gather the most recent advances in this important area of research. We invite the submission of original research papers, review articles, and short communications on any aspect of “The Role of Commensal Microbiota in Human Health”. Submissions dealing with the molecular mechanisms of host-microbe interactions are particularly welcome.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 September 2022)



## International Journal of Molecular Sciences

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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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