

Special Issue

Molecular Research on the Gut Microbiota in Diseases

Message from the Guest Editor

In recent years, the scientific community has been increasingly interested in studying the multitude of microbes found in our bodies and how they affect human health. Traditionally, this population of microbes, which normally grows in certain sites (such as the gut, respiratory tract, and blood) of the body, is referred to as microbiota, while the term microbiome is currently used and also refers to the genotypes of these microbes which, thanks to the progress of molecular biology, can now be decoded. The gut microbiota is considered an “organ” of our body mainly because of the interaction of microorganisms with the host. Thus, there is crosstalk between axes of the microbiota such as gut/lung and gut/brain. When diversity is lost, homeostasis is disturbed, sometimes with other consequences—a condition called dysbiosis—which can lead to certain disorders and diseases. We look forward to receiving your submission.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/206420

*International Journal of
Molecular Sciences*
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