



Probiotics: The Current State of Scientific Knowledge

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Message from the Guest Editor

The topic of the use of probiotic strains in medical practice is relatively new but at the same time is of great interest. Recognition of the role of the microbiota in the etiopathogenesis of many diseases, not only of the gastrointestinal tract, makes microbiota modifications of interest to physicians. Currently, the number of publications on the use of particular strains of probiotic bacteria in alleviating the symptoms of many diseases and their prevention is growing rapidly. Scientific studies have shown a link between intestinal dysbiosis and conditions such as functional gastrointestinal disorders (IBS), atopic dermatitis (AD), mental and neurodevelopmental disorders (autism spectrum disorders). In addition, a link between abnormal gut microbiota structure and diseases of civilization has been suggested.

Considering the above facts, we would like to encourage as many scientists as possible to participate in research on probiotic issues. From our side, we offer the possibility of publishing your research results in a Special Issue of one of the best journals on these issues, *Microorganisms*.





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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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