

Special Issue

Probiotics in Food and Health

Message from the Guest Editors

In recent years, the number of publications on the intestinal bacterial microbiota has been growing steadily, and the results of the research conducted clearly indicate the existence of a strong relationship between the state of the intestine and general human health. Intestinal bacteria, including probiotics, are responsible for shaping the immune system, protecting against pathogens, and regulating the secretion of gastrointestinal hormones and are also involved in the proper functioning of the nervous system. It is commonly recognized that probiotics are mainly selected strains of lactic acid bacteria and yeast. However, there are voices in favor of including new microorganisms in the probiotic category. We are pleased to invite you to publish original research papers and reviews on topics related to:

- Probiotics' legal requirements—facts, shortcomings, safety of probiotics stains;
- Human health, microbiome balance;
- Probiotic starter cultures in food production;
- Probiotics impact: past, present, and future;
- Next-generation of probiotic microorganisms.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2022)



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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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