

Special Issue

Probiotics and the Immune System: The Potential for Postimmunobiotics 2.0

Message from the Guest Editors

This Special Issue is a continuation of our 2023 Special Issue "Probiotics and the Immune System: The Potential for Postimmunobiotics 2.0". Welcome to the Special Issue "Probiotics and the Immune System: The Potential for Postimmunobiotics 2.0" of *Microorganisms*.

Probiotic microorganisms are considered to support the host's health. Scientific criticism based on poorly characterized isolates, soft clinical targets, and the absence of a mechanistic framework limited the value of the probiotic concept. Thus, studies on how probiotics work at the cellular and molecular level are mandatory to expand their industrial applications. This Special Issue welcomes contributions in this field covering the following areas:

- Isolation and identification of novel immunobiotics;
- Identification and characterization of novel postimmunobiotics;
- Design and characterization of immunobiotics- or postimmunobiotics-supplemented functional products;
- Effects of immunobiotics and postimmunobiotics products in the modulation of the microbiota;
- Cellular and molecular interactions of immunobiotics and postimmunobiotics with the host

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).