

Special Issue

Studies on Lactic Acid Bacteria and Their Products in Health and Diseases: 3rd Edition

Message from the Guest Editor

Lactic acid bacteria (LAB) are ubiquitous microorganisms that can be found in many natural sources such as plants, mammal's intestinal mucosa, and fermented foods. They are generally recognized as safe for food applications. Direct supplementation of LAB as probiotics or LAB-driven fermented products poses a wide range of health-promoting effects on molecular and metabolic processes in humans and animals, including protection against infection-causing agents, free radical-scavenging effects, targeting obesity and related metabolic diseases, anti-diabetes activity, immunomodulatory and allergy reaction mediation, anti-cancer effects, prevention of antibiotic-associated complications, reduction in blood pressure, modulation of gut-associated microbial population, enhancing nutrient utilization, etc. Therefore, the current Special Issue will bring together recent research on the role of LAB in the prevention/management of metabolic diseases and disorders, with the aim of producing a better understanding of its biological mechanisms.

Guest Editor

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Message from the Editor-in-Chief

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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