Special Issue

Probiotic Lactic Acid Bacteria: Functional and Safety Characterization and Employment in the Production of Probiotic (Fermented) Foods and Beverages

Message from the Guest Editors

Lactic acid bacteria (LAB) are a heterogenous group of microorganisms that share the ability to produce lactic acid as the main product of sugar fermentation. These bacteria play a pivotal role in the production of fermented foods. Besides their technological role, many strains of LAB also possess probiotic attributes. Several species of food-associated LAB have obtained QPS status, which is the European equivalent of the United States' Generally Recognized As Safe (GRAS) status. However, some LAB strains act as opportunistic pathogens, prompting the need for a thorough safety evaluation for each strain intended for use as a probiotic or producer of postbiotics. In this Special Issue, we invite researchers to send contributions concerning any aspects related to the functional and safety characterization of lactic acid bacteria and their use to produce probiotic (fermented) foods and beverages.

Guest Editors

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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, Foods has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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