

Special Issue

Probiotics: Selection, Cultivation, Evaluation and Application

Message from the Guest Editors

The FAO/WHO committee has since defined ‘probiotics’ as a unique group of microbes that confer a range of health benefits on their hosts when consumed. Since then, several studies have investigated the in vitro and in vivo activities of various lactic and non-lactic acid-producing bacteria. There are several factors that researchers in the food and allied sectors use to screen probiotic candidates—antimicrobial protocols, tolerance assays, EPS production, DPPH-IV inhibition, among others. It is noted that some studies have reported conflicting findings, which have prompted further investigations. Probiotics have been recognized to play important roles in health and industry for several years. These include direct and indirect uses such as cholesterol-lowering, anti-inflammatory, and anti-oxidative properties. In addition, the use of molecular tools like next-generation sequencing (NGS) holds great potential in unlocking and understanding the immense possibilities that these sensational microorganisms have.

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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