

Special Issue

Applied Microbiology and Biotechnology: Challenges in Food Microbiology and Food Safety Research

Message from the Guest Editor

The areas of modern biotechnology research and possible applications are very wide, such as: food bioprocesses, fermentation, food microbiology, functional foods, nutraceuticals, extraction of natural products, innovative bioprocesses for utilization of by-products, biotechnological engineered products, medicines, antibiotics, vaccines, enzymes, microbial food safety, toxicology, novel antimicrobials, predictive microbiology, antimicrobial resistance, bioremediation, bioinformatics, genetic engineering etc. Because of the exceptional importance of food microbiology, not only from the aspect of the presence of pathogens as disease-causing agents, but also as microorganisms and metabolites in food that contribute to functional characteristics, this special issue will cover the current status and future challenges in these areas of applied microbiology and biotechnology.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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