

Special Issue

Microbial Metabolism Contributes to Enhancing Food Quality and Health Benefits

Message from the Guest Editors

Microbial metabolism plays a vital role in the food industry, significantly enhancing food quality and nutritional value through complex biochemical reactions. Many traditional fermented foods obtain distinctive flavors and extended shelf life through microbial metabolic activities.

Microbial biotechnologies, particularly in probiotics and prebiotics, are developing rapidly. These microbial metabolic products offer substantial health benefits, including enhanced immune system functions, maintained gut microbiota balance, and prevention of metabolic disorders.

Research studies on microbial metabolism have also promoted food safety improvements and the implementation of sustainable food production systems to develop healthier, safer, and more flavorful food products.

We cordially invite contributions to explore the potential of microbial metabolism in advancing food technology and human health.

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.

Editor-in-Chief

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