

Special Issue

Recent Research in Wine Microbiology

Message from the Guest Editors

Wine production is essentially a microbiological process driven by vineyard and winery anthropogenic factors. Yeasts are the main agents of alcoholic fermentation, transforming most sugars into ethanol, and malolactic fermentation can also happen, in which lactic acid bacteria (LAB) transform the malic acid into lactic acid. Although often yeasts (*Saccharomyces cerevisiae*) and occasionally LAB (mainly *Oenococcus oeni*) are inoculated, since the must is not sterilized, the natural microbial diversity of the grapes and cellars plays a relevant role. Of course, the other anthropic activities, such as the treatments in the vineyard and vinification operations, greatly modify this microbial diversity. The current Special Issue will publish recent research in wine microbiology considering all these mentioned aspects, as well as the interactions between the different microorganisms. New systems biology and omics technologies are increasingly used, to better understand the intracellular and extracellular molecular mechanisms, as well as to know the microbial diversity from grape to wine.

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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.

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