

## Special Issue

# Winemaking: Advanced Technology and Flavor Research

### Message from the Guest Editors

At present, the use of new technologies in winemaking is becoming increasingly important. These new approaches allow cleaner production strategies to reduce the environmental impact and water consumption in winemaking, and improve the final wine quality. Several emerging technologies, such as electron-beam irradiation, high hydrostatic pressure, ultrasound, and pulsed light, are starting to be applied. For wine stabilization, different approaches and techniques can be used to remove undesirable or unsafe compounds present in wine or formed during winemaking.

This Special Issue is dedicated to advanced technologies applied in winemaking and flavor research. Potential topics include but are not limited to wine technology, such as emerging non-thermal technologies, wine flavor, and aroma, wine stabilization, wine analysis, wine chemistry, wine aging chemistry, and wine faults. Original research and review papers dealing with all these aspects are welcome for inclusion in this Special Issue of *Foods*.

Prof. Dr. Luís Filipe Ribeiro

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### Guest Editors

Dr. Fernanda Cosme  
Prof. Dr. Fernando M. Nunes  
Dr. Luís Filipe-Ribeiro

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### Deadline for manuscript submissions

closed (26 January 2024)



## Foods

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*Foods*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[foods@mdpi.com](mailto:foods@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA
2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).