

## Special Issue

# Edible Oils in Food Science: Antioxidant Activity, Innovation and Applications, and Sustainable Use of By-Products

### Message from the Guest Editors

In recent years, edible oils have garnered increasing attention for their potential applications across various scientific fields, including pharmaceuticals and cosmetics. This Special Issue aims to explore and evaluate new frontiers in food science, focusing on innovative applications of edible oils and their sustainable sourcing. Thanks to their composition and richness in bioactive compounds with potent antioxidant and antimicrobial properties, edible oils hold great potential for novel applications in biotechnology, pharmaceuticals, cosmetics, and agriculture. Additionally, their role in reducing waste through the sustainable utilization of by-products presents exciting avenues for research. This Special Issue seeks to gather interdisciplinary contributions that leverage advanced technologies to enhance the bioavailability of edible oils, facilitating their integration into circular economy models and eco-friendly solutions. We encourage original research and review articles focused on sustainability and innovation, highlighting the potential of edible oils in the food industry, pharmaceuticals, and cosmetics.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 December 2025)



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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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