

Special Issue

Innovative Food Technologies for Preservation and Enrichment of Bioactive Compounds

Message from the Guest Editor

This Special Issue aims to collate cutting-edge research and comprehensive reviews on novel technological approaches that mitigate the loss of bioactivity during processing. We seek to explore strategies not only for preservation but also for the targeted enrichment and improved bioavailability of bioactive compounds in various food matrices, ultimately contributing to the advancement of functional food science. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Application of non-thermal technologies for microbial inactivation and nutrient retention;
- Advanced drying and encapsulation techniques for stabilizing and enhancing the bioavailability of bioactive compounds;
- Novel extraction methods for the efficient recovery of bioactives from agri-food waste;
- Synergistic approaches combining multiple technologies or using natural antimicrobials and edible coatings for improved functionality and shelf-life.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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