

## Special Issue

# Food Fermentation: New Advances and Applications

### Message from the Guest Editors

This Special Issue aims to gather together the latest knowledge on food fermentation, focusing on advanced methodologies and applications. Potential topics include, but are not limited to:

- Advanced methodologies to identify, enumerate, and characterize the microorganisms in fermented foods;
- Advanced methodologies for fermentation processes and the development of novel foods;
- Scientific evidence of the impacts of fermented foods on human health;
- Research on the valorization of agri-food waste through fermentation;
- The engineering of microorganisms for improved or targeted production of specific metabolites.
- Original works, review papers, and comparative studies are all welcome.

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### Guest Editors

Dr. Francesca Passannanti

Dr. Sara Sáez-Orviz

Dr. Roberto Nigro

Dr. Marianna Gallo

Prof. Dr. Małgorzata Ziarno

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### Deadline for manuscript submissions

closed (20 September 2025)



## Applied Sciences

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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