

## Special Issue

# Food Microbiology: Innovative and Emerging Approaches, Developments and Future Perspectives

### Message from the Guest Editor

In recent decades, innovative technologies in the field of food microbiology have developed rapidly. This has focussed the attention of food professionals on the development of non-thermal technologies that are environmentally friendly and safe. This Special Issue aims to highlight the synergy between advanced microbiological techniques, non-thermal technologies and other technologies to discover new solutions and methods for the sustainable production of food and fermented foods. In addition, it will explore the genetic and phenotypic characteristics of microorganisms, especially bacteria, yeasts and filamentous fungi, as well as new technologies that can impact food safety and quality and promise significant technological advances for sustainable food systems.

### Guest Editor

Dr. Junior Bernardo Molina-Hernández

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### Deadline for manuscript submissions

20 March 2026



## 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

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