



Recent Advances in Applied Microbiology and Food Sciences, Volume II

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Message from the Guest Editors

New technologies of food production are developed, and more and more new raw materials are used as its components. In the face of such rapidly progressing changes, it is important to provide appropriate methods for the analysis of nutritional value, biological activity, as well as the microbiological safety of developed products.

This Special Edition summarizes the latest discoveries in food design and research, including new processing and preservation techniques, as well as data on the microbiological aspects of food quality and safety. We invite original research papers and reviews that address any aspect of recent advances in applied microbiology and food sciences. Papers on the study of medicinal plants, as well as the bioactivity of food compounds, are also welcome. The main topics include, but are not limited to, the following:

- Essential oils, food microbiology
- Antimicrobial activity
- Mass spectrometry
- Medicinal plants
- Bioactive compounds
- Functional food
- Plant-based food additives
- Waste management in the food system
- Edible insects
- Plant-based meat/dairy analogues
- Analytical method development





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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.

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