

Special Issue

Advancements in Food Nutrition and Bioactive Compounds

Message from the Guest Editor

This Special Issue, “Advancements in Food Nutrition and Bioactive Compounds,” aims to explore the latest scientific innovations and discoveries related to the role of nutrients and bioactive compounds in food and their impact on human health. This Special Issue seeks to present original research, systematic reviews, opinion pieces, and short communications on topics such as nutrigenomics and nutrigenetics, functional foods and biofortification, advanced technologies for extracting and characterizing bioactive compounds, the role of the gut microbiota, new protein sources, the effects of food processing on nutritional quality, AI and machine learning applications in nutrition, and the role of bioactive compounds in preventing non-communicable diseases. The goal is to foster interdisciplinary knowledge sharing that will guide future research and innovations in the field.

Guest Editor

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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.

Editor-in-Chief

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