

Special Issue

Evolution of Functional Foods, Nutraceuticals and Probiotics: From Conventional Food to Next Generation Biotherapeutics

Message from the Guest Editors

In this Special Issue, we welcome reviews and original research manuscripts that address the recent advancements and technological innovations in the functional foods, nutraceuticals, probiotics and their application for the management of various disorders such as diabetes, obesity, cancer, cardiovascular disease, gastrointestinal disorders, inflammatory disorders, neurodegenerative disorders and many more. We welcome manuscripts with a focus on the following topics below:

- Recent updates and developments in the production of functional foods, nutraceuticals, and probiotics.
- Role of functional food, nutraceuticals, and probiotics for the management of different metabolic disorders.
- Uncovering the potential of functional foods and nutraceuticals as a targeted therapy.
- Mechanistic approaches to recognize the clinical implications of functional foods, nutraceuticals, and probiotics.
- The use of multi-omics and computational approaches to understand the role of food bioactive compounds present in functional foods and nutraceutical products, protein–ligand binding interactions, and its affinity.

Guest Editors

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Deadline for manuscript submissions

closed (25 June 2023)



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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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