

Special Issue

Functional Natural Compounds

Message from the Guest Editors

The growing awareness surrounding the benefits of natural-origin products with the detriment of synthetic ones has resulted in pressure on diversified sectors (e.g., food, cosmetics, energy and pharmaceuticals). Ecosystems are rich in biodiversity and natural resources, constituting an endless source of chemical compounds. Those natural matrices could be explored as extracts, taking advantage of their synergic effects. This creates an ideal opportunity for the discovery of promising molecules that could be studied as natural ingredients, acting as novel additives in the food industry or as functional compounds for novel pharmaceuticals. As a result of these challenges, the quest for functional components of natural origin is critical, and a promising research area. This Special Issue invites researchers to contribute their original research or review articles related to natural compounds and their functionalities. Topics of interest include biomolecules extracted from plant species, mushrooms, marine and bee products, chemical and biological characterization, extraction procedures, isolation and exploitation in diversified applications.

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2023)



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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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