

Special Issue

Sustainable Recovery of Bioactive Compounds from Food Industry By-Products

Message from the Guest Editors

The agri-food industry generates substantial amounts of by-products and residues, which, if not properly managed, contribute to environmental pollution and economic losses. In recent years, the concept of waste valorization has gained significant attention as a sustainable strategy to reduce food waste while obtaining high-value bioactive compounds with potential applications in the food, pharmaceutical, and cosmetic sectors. These by-products often contain valuable phytochemicals, including antioxidants, anti-inflammatory agents, and neuroprotective compounds, which can contribute to disease prevention and promote human health. To efficiently recover these bioactives, the development and optimization of advanced, environmentally friendly extraction technologies have become essential. This Special Issue welcomes manuscripts addressing innovative, sustainable extraction processes; the characterization of bioactive compounds from food industry by-products; and their application in functional foods, nutraceuticals, pharmaceuticals, and cosmetic products.

Guest Editors

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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.

Editor-in-Chief

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