

Special Issue

Valorization of Plant-Based Food Wastes and Byproducts: Compounds of Interest for the Food, Pharmaceutical, Cosmetic and Textile Industries

Message from the Guest Editors

Worldwide, one-third of plant-based food produced for humans is wasted, generating byproducts which may be treated and processed into novel biomaterials. The valorization of plant-based waste and food byproducts will play a pivotal role in harnessing the potential of such biomasses for various applications ranging from renewable energy production to the development of novel therapeutical drugs. The authors hope that the knowledge generated around this topic will contribute to a more sustainable food system and a bio-based circular economy. For this Special Issue on the “Valorization of Plant-Based Food Waste and Byproducts: Compounds of Interest for the Food, Pharmaceutical, Cosmetic and Textile Industries” we seek high-quality works focused on strategies for recovering plant-based food waste, the characterization of vegetable residues, and the development of upcycled biomaterials for industrial applications.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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