

Special Issue

Value-Added Products from Crop Biomass: Biotechnological, Pharmaceutical and Food Applications

Message from the Guest Editors

The demand for bio-based chemicals, drugs, and nutraceuticals has increased in recent decades due to the world's population growth. This scenario poses challenges to agricultural systems, which, in addition to focusing on improving the productivity of basic foodstuffs, require the implementation of strategies to develop high-value-added products from crop biomass to meet these demands in an ecologically sustainable manner. The valorization of crop biomass, including agro-waste, presents a high potential for the sustainable development of enzymes, bio-composites, and bioactive compounds with applications in agri-food and pharmaceutical industries. This Special Issue aims to provide a platform for the exchange of knowledge regarding any aspect of producing value-added products from crop biomass, including novel strategies and extraction methods addressing the transformation of agricultural biomass into bio-based products. The Special Issue also encourages cutting-edge research involving the co-production of low-value, high-volume, and high-value low-volume products from crop biomass.

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Editor-in-Chief

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