

Special Issue

High-Value-Added Chemicals from Lignocellulosic and Agri-Food Biowastes: A Path Toward Sustainability

Message from the Guest Editors

The uncontrolled overexploitation of resources and the severe environmental aggravation brought about by biowaste generation and improper disposal are currently high-priority challenges. Ever-increasing agricultural and food production, alongside a concomitant increase in food production and consumption, has pushed eco-systems to unprecedented limits. Thus, circular economy solutions based on biowaste harnessing and zero-waste policies may pave the way for the establishment of sustainable routes of development. In this context, higher-value options for agri-food residue exploitation are imminent in both developing eco-friendly processes for the production of valuable chemicals and reducing environmental risks associated with waste dumping. Against this background, this Special Issue is launched with the ambition of highlighting state-of-the-art tools and methodologies pertaining to the utilization of lignocellulosic and agri-food biowastes in generating chemicals and/or products (i.e. extracts) with high value to the food, pharmaceutical, and cosmetics industries.

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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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