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Extraction, Chemistry and Utilization of Active Ingredients from Agri-Food Wastes and Byproducts

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Message from the Guest Editor

Dear Colleagues,

Agri-food wastes and byproducts have received increasing research attention due to their high contents of (bio)active ingredients, as well as opportunities to increase the income of producers and companies by feeding new markets and processing industries and the reduction in waste treatment taxes.

Taking advantage of the principles of a circular economy, where the waste of one particular industry is the raw material of another, there are numerous new ideas and applications for agri-food wastes/byproducts, including food product innovation, the development of new functional food products, isolation of active compounds, antioxidative and antimicrobial properties, etc.

However, this Special Issue aims to go a step further regarding the common identification and isolation of active ingredients and rich extracts from agri-food wastes/byproducts, focusing on their direct utilization for food, pharmaceutical and cosmetic purposes. This Special Issue also aims to think outside the box and present emerging technologies and ideas for future applications in other fields such as environmental sciences and for the development of new materials for various applications.



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Special Issue



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Message from the Editor-in-Chief

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