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Exploring Bioactive Compounds in Agrifood Waste: Sustainable Valorisation of Food Residues

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Message from the Guest Editors

In our modern era, embracing sustainable practices presents not only a critical challenge but also holds the promise of significant transformation. These practices not only positively impact the environment but also have the potential to drive substantial changes in the social and economic fabric of our society. Within this framework, one of our most ambitious challenges is to identify and optimize strategies for harnessing the value of food waste and by-products. Food waste, projected to reach alarming levels—up to 50% of total food production in the near future—demands urgent attention regarding our social and environmental responsibilities. Food waste and by-products are not mere discards; rather, they represent a valuable and largely untapped resource of bioactive compounds, ready to be utilized across various sectors spanning from nutrition and healthcare to cosmetics and pharmaceuticals.

This Special Issue aims to highlight the diverse and sustainable opportunities presented by the valorisation of agro-industrial waste. We warmly invite you to share your experiences and discoveries, as together, we can contribute to promoting a more sustainable future.



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Special Issue



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Message from the Editor-in-Chief

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