

Special Issue

Green Extraction Processes to Recover Natural Bioactive Compounds from Food By-Products

Message from the Guest Editors

One major and growing portion of the world's food production is the generation of food by-products. While these by-products pose challenges, they offer a unique opportunity as low-cost, renewable, and abundant resources for extracting natural bioactive compounds. However, the challenge lies in identifying the most efficient extraction processes that preserve the integrity of these sensitive bioactive compounds. Traditional extraction techniques often degrade the quality and potency of these components, making it critical to explore alternative approaches. Emerging green technologies—such as microwave-assisted extraction, ultrasound-assisted extraction, etc.,—are increasingly being recognized for their ability to overcome these limitations, offering innovative and sustainable solutions. This Special Issue aims to fill the gap in the literature by sharing cutting-edge knowledge on optimizing these processes and utilizing food by-products. We invite you to contribute your research articles, communications, or reviews exploring novel bioactive compounds extraction processes from food by-products.

Guest Editors

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