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The Use of Green Solvents and Compressed Fluid Extraction Technologies in Food Science

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Deadline for manuscript submissions:

closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

Present-day society is facing various challenges, consumers are demanding a sustainable development of more eco-friendly products that also promote nutrition and health. Therefore, processes and products that can be obtained while complying with the principles of green chemistry are hot topics, along with reduced or even totally eliminated wastes in food and agricultural byproducts and the search for new alternative sources of food.

Therefore, the upcoming Special Issue aims to provide an overview of the current progress made in the field of the compressed fluid technologies applied to food development, processes and products, and green developments in the field of food analysis.

Original research papers and review articles related to but not limited to the following topics are welcome: extraction, fractionation and purification, biological activities, complex approaches based on process integration, deep eutectic solvents, biosolvents, intensification and biorefinery platforms, valorization of food by-products, pretreatments, enzymatic reactions, scaling up, and economic and environmental impacts.

Dr. Mónica Bueno
Dr. Jose A. Mendiola
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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