

Special Issue

The Food Processing Industry's 200th Anniversary: Bioactive Compounds, Antioxidants, and Potential Health Benefits

Message from the Guest Editors

The term "industrial revolution" is shorthand for a historical era that began in Great Britain in the 18th century and was characterized by an apparent acceleration of progress. Over the years, the food industry has changed and adapted to meet changing consumer demands and behaviors. The supply, consumption, and delivery of food products around the world are part of a complex system that define this industry. Food processes can bestow the potential health benefits of bioactive compounds in food processed products. People with allergies, diabetes, and other health issues who cannot consume certain, common food items also benefit from modern food processing. Since it is necessary to develop approaches that provide improved food products for human health and well-being while minimizing the environmental impact, such that the circular economy becomes a reality in food (and industrial) processing, this Special Issue will (I) explore the maintenance or enhancement of the concentration of bioactive compounds that can be used as functions in foods during their processing and (II) examines the mechanisms by which the desired effect is achieved.

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