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Novel High Pressure-Based Applications in Food Technology

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Message from the Guest Editors

Dear Colleagues,

High hydrostatic pressure (HHP) is a technology currently implemented in the food industry, mainly for the non-thermal pasteurization and shelf-life extension of food products. Moreover, considering the effects of HHP on food constituents, food structure, and chemical as well as enzymatic reactions, many other HHP-based applications have recently been envisaged, with potential interest in food technology, such as the pressure-assisted extraction of bioactive compounds, enzyme-catalyzed reactions under pressure, or hyperbaric storage, among others.

This Special Issue, “Novel High Pressure-Based Applications in Food Technology”, invites researchers to contribute original research or review articles that can fit into this main topic, including food preservation, effects on microorganisms, food structure as well as texture, the biological impact on food constituents, the modulation of enzymatic activity, hyperbaric storage, high-pressure-assisted extraction, combined technologies, and so on, taking into account the most recent trends and innovation features in the field.



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Special Issue



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Message from the Editor-in-Chief

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