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Ultrasound and High-Pressure-Assisted Encapsulation

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Message from the Guest Editors

Food bioactive components or nutraceuticals have numerous health benefits and are widely incorporated into various food matrixes. However, these components are more prone to degradation under harsh food processing conditions. In addition, they possess poor solubilities and low bioavailabilities in the gastrointestinal tract. Thus, encapsulation of these components protects and enables targeted delivery. Ultrasound and high-pressure processing technologies are emerging non-thermal technologies that have attracted much attention within the food industry for encapsulation processes due to them having numerous benefits, such as low energy usage, easy to handle, less destruction and less time consuming. This Special Issue aims to present the latest knowledge and new developments in using ultrasound and high-pressure processing technologies in encapsulating bioactive and nutraceutical components. Both original research articles and reviews are welcome.



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Special Issue



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Message from the Editor-in-Chief

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