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Delivery Systems for Functional Food: Micro-/Nano- Emulsions, Capsules and Fibers

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Message from the Guest Editors

Dear Colleagues,

Improving the stability and bioavailability of nutrients and bioactive food components to fulfil the demand of functional food development is now a trend in food science and technology. Delivery systems are such promising micro-/nano- structures that they can protect sensitive food nutrients and bioactive components during processing, storage and digestion, and/or release them in a controlled manner. As an effective strategy, delivery system has long been investigated in designing functional foods and intelligent packaging, in different micro-/nano- forms such as emulsions, capsules, and fibers. In addition, there is a need for detailed investigation on the controlled dissolution and diffusion mechanisms of delivery systems, and their interactions with other components in foods.

Therefore, the main aim of this Special Issue is to present new approaches and achievements, dedicated to exploring innovative micro-/nano- emulsions, capsules, and fibers as delivery systems, developing new and economic techniques to fabricate and characterize them, as well as producing applicable functional foods with these delicate micro/nanostructures.



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Special Issue



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Message from the Editor-in-Chief

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