Special Issue

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

Message from the Guest Editors

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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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, Foods has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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