

Special Issue

Food Functional Ingredient Encapsulation and Delivery System (Microcapsules, Nanoemulsions, Colloidal Particles, Emulsions)

Message from the Guest Editors

Food-source bioactive compounds derived from natural resources demonstrate significant health benefits.

However, their practical applications in foods, pharmaceuticals, and cosmetics are often hindered by issues related to easy degradation, poor solubility, and low bioavailability. In recent years, the development of various delivery systems—such as microcapsules, liposomes, colloidal particles, and emulsions—has provided efficient solutions for encapsulating and delivering these functional components. These strategies can substantially enhance the stability, bioavailability, and storage performance of the active ingredients. This Special Issue focuses on the latest advances in the encapsulation and delivery of functional food components, covering topics such as the fabrication of delivery systems, structural characteristics, digestive pathways, bioavailability enhancement, and targeted delivery mechanisms. Moreover, it offers an in-depth analysis of their practical applications in functional foods, pharmaceuticals, and cosmetics, providing innovative insights and academic support for researchers in this field.

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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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