

Special Issue

Encapsulation and Delivery Systems in the Food Industry

Message from the Guest Editors

This Special Issue aims to present review papers and original articles focusing on current knowledge and breakthroughs on the encapsulation of natural or synthetic bioactive compounds or some compounds toxic to humans intended for use in the food industry. As there are numerous different encapsulation methods and matrixes, there is a lack of data revealing their release profile, as well as the biological activities of the release products, so a special emphasis is given to the submission of articles related to in vitro and in vivo release studies, followed by biological activity assessment and chemical characterization.

The identification and quantification of compounds with food-related biological activities (spoilage and food-borne microbe inhibition, digestion-improving compounds, etc.), their physicochemical characterization, mechanisms of biological activity, and relationships between structure and bioactivity (molecular docking) are welcome as well. Studies related to the complexes of natural products and multiple carriers (as a system for improved controlled release) or natural products in the final formulation are also appreciated.

Guest Editors

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Deadline for manuscript submissions

closed (10 May 2026)



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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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).