

Special Issue

Advances in the Recovery of Bioactive Compounds from Foods and Food Processing By-Products and Their Nutritional Impact

Message from the Guest Editors

This Special Issue aims to highlight innovative methods for extracting bioactive compounds from foods and food processing by-products in order to assess their nutritional and functional properties. Our objective is to promote the future development of circular and sustainable food systems.

Recent advancements have introduced a range of innovative techniques—including ultrasound-assisted extraction, fermentation, and label dilution assay methods—aimed at maximizing the recovery of bioactive compounds. These approaches significantly enhance yield and purity, while maintaining environmentally friendly practices. In addition, they enable accurate quantification of bioactive compounds within complex food matrices.

We welcome original research articles, review papers, and short communications that explore novel extraction technologies, detailed characterizations of bioactive compounds, and their integration into functional foods and nutraceutical applications.

Guest Editors

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Dr. Michael Netzel
Prof. Dr. Michael Rychlik

Deadline for manuscript submissions

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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).