

## Special Issue

# Novel Technologies for the Analysis of Bioactive Natural Products from Plant Foods

### Message from the Guest Editor

Currently, the advantage of the byproducts of the vegetable food industry is being able to retrieve additives for food and cosmetics from them. Moreover, it is an alternative source of bioactive compounds with antioxidant, antimicrobial, antiproliferative, anticarcinogenic and cardioprotective properties. Among them can be polyphenols, terpenes (carotenoids), alkaloids, saponins, polyunsaturated fatty acids, sulfurous substances (thiols), peptides, etc. Therefore, our Special Issue will focus on cutting-edge fields for optimal green extraction: pulsed electric fields, high-voltage electrical discharges, pulsed ohmic heating, high hydrostatic pressure, thermal ultrasounds, microwave-assisted extractions, sub- and super-critical fluid extractions, and pressurized liquid. Moreover, the characterization of extracts to detect and quantify their bioactive substances like natural additives with an added value, that is, throughout optimal, economical, rapid precision analysis: HPLC, U-PLC, ion mass spectrometry, Fourier-transform infrared spectroscopy, gas chromatography, nuclear magnetic resonance, Raman spectroscopy, and ion mobility spectroscopy (IMS), will be examined.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2025)



## Foods

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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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### Editor-in-Chief

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