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## Natural Products in Food: Chemical Structure, Extraction and Isolation, and Biological Activity

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Deadline for manuscript submissions:

**closed (31 May 2024)**

### Message from the Guest Editors

Dear Colleagues,

Due to their wide range of biological activity and low toxicity, natural products in food have become a popular topic for regulating health and preventing chronic diseases. For this reason, this Special Issue of Foods is focused on the chemical analysis, chemical database construction, rapid extraction and isolation technology of active chemical constituents of foods. At the same time, various experimental and computer approaches used for the active evaluation of natural products in food will also be presented. In this Special Issue, original research articles and reviews are welcome.

Potential topics include, but are not limited to, the following: Chemical analysis and database construction, including flavonoids, polyphenol, saponin, and carotenoids;

Novel extraction methods, including ultrasonic- or microwave-assisted extraction, and solid-phase extraction; Rapid isolation technology, including 2D or 3D chromatography, supercritical fluid chromatography, and countercurrent chromatography;

Bioactivity evaluation and application, including antioxidant, anti-tumor, anti-diabetes, and antibacterial activities;



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# Special Issue



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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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