

Special Issue

Proteomics and Food Analysis: Principles, Techniques, and Applications

Message from the Guest Editor

The recent successes of proteomics methodologies make them a favorable strategy for food science studies. In this Special Issue, we will look at the latest advances in techniques and applications of proteomics in food analysis. The latest advances in bottom-up proteomics techniques, shotgun proteomics, top-down proteomics, targeted proteomics, modoficomics, data-dependent acquisition (DDA), data-independent acquisition (DIA) strategies, and protein-chips/biosensors applied to food analysis are included in this Special Issue. Thus, the power of these methodologies allows the food characterization, food authenticity, identification of quality markers, detection of food allergens, food microorganism detection, detection of food parasites, food processing analysis, identification and study of bioactive food compounds, bioinformatics analysis of food components and by-products, and the metabolic and systems biology study of food components from a nutritional or functional point of view, among others.

Guest Editor

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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.

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