Special Issue

Characterization of Bioactive Compounds in Foods and Plants Using Advanced Analytical Techniques

Message from the Guest Editors

Since the 1990s, food chemistry has opened a new chapter in foods and plants investigation. Increasing attention to secondary metabolites and micro-constituents of nutraceutical interest present in foods has been noticed, supporting previous studies on macronutrient composition. Thanks to positive scientific opinions on the presence of bioactive molecules in plants and foods, the previous vision of foods exclusively from a "caloric" point of view has been changed looking at foodstuffs as having positive effects on human health. This Special Issue focuses on the optimization and validation of advanced analytical methodologies dedicated to the characterization and valorisation of foods and plants containing bioactive molecules. Quali-quantitative characterization, food security, traceability, innovation in the field of nutraceutical and functional nutrition will be of particular interest in order to stimulate a dialogue on correct nutrition concept in a cultural, technological and climate context in constant change.

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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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