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Bioactive Molecules in Food and Nutrition

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Message from the Guest Editors

Dear Colleagues,

Bioactive compounds in food refer to a diverse group of naturally occurring compounds that have the potential to positively affect human health beyond basic nutrition. This Special Issue focused on dietary bioactive compounds in food and nutrition has the potential to provide valuable insights into the role of these compounds in promoting health and preventing chronic diseases, as well as the challenges and opportunities available in this rapidly evolving field. We encourage submissions focused on specific compounds such as flavonoids, phenolic acids, carotenoids, beta-glucans, glucosinolates, etc., and specific elements (selenium, zinc, copper, manganese) and vitamins (C, E, A), as well as their antioxidant properties and potential health benefits, including anti-inflammatory, anticancer, and cardioprotective properties. Understanding the bioavailability and metabolism of bioactive compounds is crucial in order to determine their potential health effects; therefore, experimental studies are particularly welcome. Research in this area is free to explore interactions between bioactive compounds and gut microbiota and their impact on gut health and overall health.



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Special Issue



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