Special Issue

Emerging Biosensor Technology for the Detection of Environmental Toxins in Foods

Message from the Guest Editors

The growing concern over environmental toxins in the food supply has intensified the need for rapid, reliable, and sensitive detection methods. This Special Issue, entitled "Emerging Biosensor Technology for the Detection of Environmental Toxins in Foods," focuses on the latest advancements in biosensor technologies designed to address this critical challenge. We invite research that explores innovative biosensing approaches, including nanomaterial-based sensors, electrochemical biosensors, and optical biosensors, aimed at detecting various environmental toxins such as pesticides, heavy metals, and mycotoxins in food products. Contributions that cover the development of portable, cost-effective, and high-throughput biosensing platforms are particularly welcome, as they represent the future of food safety monitoring. This Special Issue seeks to bridge the gap between laboratory research and real-world application, promoting technologies that ensure food safety and public health.

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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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