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Emerging Biosensor Technology for the Detection of Environmental Toxins in Foods

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Message from the Guest Editors

Dear Colleagues,

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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Special Issue



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Message from the Editor-in-Chief

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