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Advances in Biosensor Applications for Food Safety

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Deadline for manuscript
submissions:

15 November 2024

Message from the Guest Editor

Ensuring food safety is a critical challenge necessitating innovative solutions to rapidly and accurately detect contaminants, pathogens, and adulterants. Biosensors have emerged as powerful tools in this domain, offering real-time, sensitive, and specific detection capabilities that are essential for guaranteeing food safety.

The goal of this Special Issue is to advance our knowledge and application of biosensors in food safety. We seek contributions that explore novel biosensor technologies, their development, and their practical application in detecting chemical and biological hazards in food.

We welcome research on the design, fabrication, and validation of biosensors, as well as their integration into food safety management systems. Studies on their mechanisms of detection, improvements in sensitivity and specificity, and real-world applications are particularly encouraged.



mdpi.com/si/206676

Special Issue



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Message from the Editor-in-Chief

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