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## Biosensors and Applications for Food Analysis

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Deadline for manuscript submissions:

**20 September 2024**

### Message from the Guest Editor

We invite experts from various disciplines to contribute to this Special Issue with their expertise, covering the following topics:

- **Advanced Sensing Technologies:** Recent advances in sensor/biosensor technologies, IoT-based solutions
- **Quality Assurance:** Food quality assessment, freshness monitoring, shelf life evaluation, the detection of contaminants and adulterants, ensuring adherence to rigorous quality standards
- **Sensory Evaluation:** The integration of sensory data, machine learning, artificial intelligence to gain valuable insights into consumer preferences and sensory attributes
- **Safety and Compliance:** Examine sensors and analytical methods that enhance food safety: detecting allergens, pathogens, chemical residues, compliance with food regulations
- **Traceability and Transparency:** Sensor applications enabling traceability, transparency across the food supply chain, from farm to fork
- **Emerging Trends:** Trends in food analysis of wearable sensors, smartphone apps, portable devices for real-time food assessment
- **Dietary Management:** Wearable health biosensors are reshaping personalized food consumption, optimizing health diet management



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# Special Issue



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## Message from the Editor-in-Chief

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