



Advanced Electrochemical Biosensors for Food and Water Safety

Guest Editors:

Dr. Danhui Wang

Department of Nutrition and
Food Sciences, Texas Woman's
University, Denton, TX 76209, USA

Dr. Shiru Lin

Division of Chemistry and
Biochemistry, Texas Woman's
University, Denton, TX 76204, USA

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Message from the Guest Editors

The foodborne and waterborne illnesses resulting from biological and chemical contaminants pose an increasing threat to human health. Electrochemical biosensors offer a promising alternative to conventional analytical methods, providing a convenient detection method that can instantly obtain quantitative signals with minimal equipment.

This Special Issue, entitled “Advanced Electrochemical Biosensors for Food and Water Safety”, mainly focuses on current advancements in electrochemical biosensors for the detection of biological and chemical contaminants in the provision of food and water safety. The scope of this Special Issue includes, but is not limited to, the following topics:

- New technology or concepts in the fabrication of electrochemical biosensors;
- Novel design of electrode structure;
- Advanced materials for electrochemical biosensors;
- Improvements in the sensitivity and specificity of electrochemical biosensors;
- Novel sample preparation methods for electrochemical detection in complex food samples;
- Technical, review or mini review articles based on electrochemical biosensors in the field of water and food safety applications.





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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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