



## Nanostructured Electrochemical Sensors for Food Safety and Quality Control

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### Message from the Guest Editors

Foodborne-related diseases caused by additives and contaminants represent a significant challenge for food processing industries. Electrochemistry offers simple and robust analytical tools with several advantages over conventional methods. The development of a wide range of nanomaterials has opened the horizon for their applicability in the design of electrochemical sensing devices in different areas, food safety and quality control being one of them. Nanomaterial-based electrochemical sensors have garnered enormous attention due to their high sensitivity and selectivity, simple preparation, low-cost, real time monitoring, miniaturisation, and portability, among others.

The aim of this Special Issue is to provide the latest findings in this research field, namely development of innovative nanostructured electrochemical devices, their preparation, optimisation, characterisation and application to food and beverages safety and quality control. We invite original research papers and comprehensive reviews covering any experimental and computational approaches related to the abovementioned topics.

Dr. Mariana Emilia Ghica  
*Guest Editor*





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## Message from the Editor-in-Chief

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