

Special Issue

Novel Research on Safety Detection and Quality Control of Food

Message from the Guest Editors

Assuring food safety, quality, and authenticity are the main concerns within the food field, leading to new challenges to ensure consumer health and meet their demands. As a result, it is necessary to develop advanced analytical strategies to improve the determination of these parameters in the different foodstuff.

This Special Issue aims to show new potential analytical applications to evaluate and improve food safety, quality, or authenticity through the development of quick, sensitive, selective, and environmentally friendly methodologies. Research areas may include (but are not limited to) determination of concerning contaminants in different food matrices, occurrence of potential bioactive compounds for development of functional foods, evaluation of biomarkers to ensure food authenticity, and improvements in food sample preparation and analysis. Papers that address the development of microextraction analytical procedures in food samples are also welcome.

Guest Editors

Dr. Natalia Casado Navas

Prof. Dr. Isabel Sierra Alonso

Prof. Dr. Sonia Morante Zarcero

Deadline for manuscript submissions

closed (20 March 2025)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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