



## Application of New Methods for the Determination of Contaminants in Food and Environmental Quality and Safety

Guest Editors:

**Dr. Chiara Cavaliere**

Department of Chemistry,  
SAPIENZA Università di Roma,  
P.le A. Moro 5, 00185 Rome, Italy

**Dr. Susy Piovesana**

Department of Chemistry,  
SAPIENZA Università di Roma,  
P.le A. Moro 5, 00185 Rome, Italy

Deadline for manuscript  
submissions:

**closed (15 September 2021)**

### Message from the Guest Editors

This Special Issue aims to provide a scientific overview of the latest trends in the fields of quality and safety applied to both food and environmental samples. Therefore, in this Special Issue, we would like to collect papers and critical reviews describing the forefront of research dealing with contaminants, with special attention to contaminants of emerging concern that nowadays are widespread in the environment (air, water, sediments, biota, etc.) and, consequently, also in food.

Topics of interest include, just to mention a few examples, new sample preparation strategies for established or emerging analytes; new analytical methods for rapid screening; methods based on metabolomics, metaproteomics, or other omic techniques for qualitative and quantitative analysis; and targeted analysis for trace-level determination and quantitation.

### Keywords

- food safety
- food quality
- environmental contaminants
- contaminants of emerging concern
- screening methods
- confirmation methods





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[appls@mdpi.com](mailto:appls@mdpi.com)  
[X@Appls](https://twitter.com/appls)