



## New and Alternative Methods to Implement Food Safety

Guest Editors:

**Dr. Yolande Proroga**

Department of Food  
Microbiology, Istituto  
Zooprofilattico Sperimentale del  
Mezzogiorno, 80055 Portici,  
Naples, Italy

**Dr. Andrea Fulgione**

Department of Food Inspection,  
Istituto Zooprofilattico  
Sperimentale del Mezzogiorno,  
Via Salute 2, 80055 Portici, Italy

**Dr. Andrea Mancusi**

Department of Food Safety  
Coordination, Istituto  
Zooprofilattico Sperimentale del  
Mezzogiorno, 80055 Portici,  
Naples, Italy

Deadline for manuscript  
submissions:

**closed (20 October 2022)**

### Message from the Guest Editors

Dear Colleagues,

The presence of pathogens (i.e., viruses and bacteria) alter the physical, microbiological, and biochemical properties of food, thus compromising food safety and inducing the spread of several foodborne illness outbreaks associated with their consumption.

The focus of this Special Issue consists in the development of new and/or alternative approaches able to detect, characterize, and quantify the principal microorganisms that represent a danger to consumers' health.

The topics proposed for this Special Issue are:

- Foodborne diseases;
- New and alternative methods for detecting, characterizing, and quantifying food pathogens throughout the entire food chain;
- Microbiological characterization of foodborne pathogens.





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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (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)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)