Special Issue

Novel Analyses of Hazards and Risks in Food Safety

Message from the Guest Editors

This Special Issue aims to provide updates on the new analytical protocols for the detection of dangerous substances in agri-food products, with an emphasis on fish products. The Special Issue encourages work related to analytical chemistry applied to food safety. Manuscripts on multiresidue procedures are especially welcome. The Special Issue also welcomes reviews on analytical methods for the detection of food contaminants and food pathogens. This Special Issue encourages the submission of research papers on the use of LC-HRMS for the detection of food contaminants in fish products. We welcome different types of manuscript submissions, including original research articles and up-to-date reviews. Studies on food microbiology and molecular biology associated with food safety are also welcome. The Special Issue aims to provide new insights on the molecular biology applied to food safety (CRISPR/Cas, LAMP, etc.). Finally, this Special Issue welcomes studies on the risk assessment of agri-food products.

Guest Editors

Dr. Gaetano Cammilleri

Istituto Zooprofilattico Sperimentale della Sicilia, 90129 Palermo, Italy

Dr. Vincenzo Ferrantelli

Istituto Zooprofilattico Sperimentale della Sicilia, 90129 Palermo, Italy

Deadline for manuscript submissions

20 November 2025



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/202450

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



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 multidimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

