



Food Safety and Microbiological Hazards

Guest Editor:

Dr. Sefater Gbashi

Department of Biotechnology
and Food Technology, Faculty of
Science, University of
Johannesburg, Doornfontein
Campus, P.O. Box 17011,
Johannesburg 2028, South Africa

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Message from the Guest Editor

Dear Colleagues,

Food safety is a necessary individual right and a fundamental element of human health and socio-economic development. Pathogenic bacteria, fungi, and viruses are the drivers of microbiological food hazards and are the major causative agents of food safety issues around the world. The following subtopics are of particular interest: (i) epidemiology of microbiological food hazards and their causative agents, (ii) microbiological toxins as food safety hazards, (iii) surveillance and risk assessment of microbiological hazards in food and food systems, (iv) microbiological food safety practices, guidelines, and regulatory frameworks, (v) risk communication, awareness, and consumer education, (vi) prevention, control, and management of food pathogens, (vii) emerging microbiological pathogens and food safety implications, (viii) biotechnology and bioengineering: prospects and consequences for microbial food safety, (ix) globalization and the digital revolution: challenges and opportunities for food safety

- food safety
- microbiological food hazards
- food spoilage
- food pathogens
- microbiological contaminants of foods
- foodborne disease
- microbial toxins





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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.

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Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
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