



New Insights into Food Safety

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Message from the Guest Editor

Dear Colleagues,

The main topics of this Issue will be regarding food safety, considered as an instrument to ensure food security and safety, and at the same time, able to protect consumers' health and quality of life. One of the most important issues in food safety is the presence of bacteria which can compromise the physical, microbiological, and chemical properties of the foods and also represent a danger to human health. The most important bacteria able to alter food quality are *Campylobacter*, *Salmonella*, *Listeria*, Shiga-toxin-producing *Escherichia coli*, *Yersinia*, and bacterial toxins from these and other organisms.

Since bacteria can be present at different points of the entire food chain, the following are some of the topics proposed for this Special Issue:

- **Foodborne disease ;**
- **Toxin-mediated disease;**
- **Alternative methods to improve the detection of food pathogens through the entire food chain;**
- **Microbiological characterization and antimicrobial resistance profile of foodborne pathogens;**
- **Epidemiological survey of foodborne pathogens.**





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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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