

Special Issue

Food Microbiology: Foodborne Pathogens and Diseases

Message from the Guest Editor

In the second half of the twentieth century, food production shifted globally, increasing production and stabilising prices. Food production systems have become very efficient, high yields, quality, and safety and low production costs. Today, we are facing stagnating production, highly dependent on the availability and costs of energy, and that might not be sustainable in the near future. Thus, food safety issues may not seem to be of the utmost importance. A circular economy would improve sustainability. The reduction in food waste and development of plant-based and other edible alternatives to products of animal origin could improve food accessibility. However, they also present new challenges and pose questions about undesirable, opportunistic, or pathogenic microorganisms and their secondary toxic metabolites. Attention must be paid to the emergence of (new) food safety hazards. Have we collected enough data to conduct exposure or risk assessments? This Special Issue is devoted to these microbiological challenges and answering questions similar to those listed above. Prof. Dr. Lubomir Valik

Guest Editor

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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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