

Special Issue

Applications of Analytical Chemistry in Environmental and Food Contaminants

Message from the Guest Editor

The quality of the food we eat has a tremendous impact on our health. Our health depends on how we eat and what kind of food we provide our bodies. Food contaminants are substances that end up in food as a result of environmental contamination, as a side effect of the production process or in the event of irregularities in its circulation. Industrial and agricultural development, the use of various types of chemicals in many areas of modern life, and other sources of environmental pollution all contribute to an increased risk of food contamination. Contaminants may penetrate food products from the ground (e.g., fertilizers), water (e.g., sewage and fertilizers), and air (mainly dusts and exhaust fumes), and are spread when treating animals or spraying plants with protection agents, for example. Residues from the production process and contaminants from packaging can also be a problem. Regular food testing is an ongoing monitoring process that safeguards the health and lives of future consumers. In this Special Issue, we welcome the submission of studies on food contamination by environmental pollutants and process contaminants, and chromatographic techniques detection.

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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