

Special Issue

Determination of Potentially Toxic Elements in Food, Beverage and Medicinal Plants by Analytical Methods and Separation Technologies

Message from the Guest Editors

Potentially/presumably toxic elements (PTE) are emitted into the environment by natural and anthropogenic processes. Their release leads to their accumulation in food products and medicinal plants, and this may have a negative impact on human health. In this context, it is important to develop methodologies for PTE determination in different food products, the monitoring of their content in regions with different levels of anthropogenic pollution, and assessments of the potential risks for human health. This Special Issue aims to collect studies that show the progress in analytical techniques applied for food analysis. The contributions (original research papers and review articles) may present examples of analytical technique applications for the determination of the food elemental analysis, as well as risk assessment studies.

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