Analytical Methods for Pesticide Residues in Foods and Dietary Risk Assessment

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Pesticides are commonly used in agriculture to protect various crops from insects and fungi. Widespread uses of these pesticides with overdoses and improper applications are anticipated to be the primary source of contamination, particularly in plants and plant-derived food products; consequently, the pesticide residues may lead to chronic exposure and acute effects on human health. To ensure the health and safety of consumers, effective and reliable analytical methods for monitoring pesticide contaminations at trace levels in foods and dietary products must be developed to be in line with the maximum residue limits (MRLs) for each pesticide in a variety of crops that have been legislated by several organizations.

This Special Issue welcomes original scientific articles and critical reviews involving analytical method development-based chromatography, capillary electrophoresis, and spectrometry combined with suitable sample preparation and preconcentration strategies for the analysis of various pesticide residues in food or dietary samples.

Dr. Yanawath Santaladchaiyakit
Guest Editor

Special Issue

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Message from the Editor-in-Chief

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