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Analytical Methods for Pesticide Residues in Foods and Dietary Risk Assessment

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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



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Special Issue



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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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