

Special Issue

Preparation, Function and Application of Agrochemicals

Message from the Guest Editors

The Special Issue will highlight cutting-edge research in agrochemical science. This includes the following:

- The use of nanotechnology in agrochemical delivery systems for enhanced targeting and reduced environmental exposure.
- The development of biopesticides and biofertilizers derived from natural sources.
- The application of genomics and proteomics in understanding the mode of action of agrochemicals and resistance mechanisms in pests.
- The integration of agrochemicals with other pest control methods.
- The development of decision support systems for the optimal use of agrochemicals based on environmental and economic factors.

Potential topics include but are not limited to the synthesis and characterization of new agrochemical compounds, the evaluation of the efficacy and safety of novel agrochemical formulations, studies on the environmental fate and impact of agrochemicals, field studies on the application of agrochemicals when integrated pest management systems, the analysis of economic and social implications of agrochemical use, and reviews on the current state and future prospects of agrochemical research and development.

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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