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Analytical Research and Toxicological Determination of Pesticides

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Message from the Guest Editors

The editorial board of *Molecules* (IF: 4.6, ISSN 1420-3049) invites you to submit an article or review to a Special Issue entitled "Analytical Research and Toxicological Determination of Pesticides".

This Special Issue aims to explore the latest advancements in the analytical research and toxicological determination of pesticides. We seek contributions that focus on innovative analytical methods for detecting pesticide residues, understanding their mechanisms of action, assessing their environmental and health impacts, and developing safer and more sustainable pest control strategies. Topics of interest include, but are not limited to, the following:

- Novel analytical techniques for pesticide detection;
- Mechanism of pesticide resistance;
- Mechanisms of action of various pesticides;
- Environmental and health impact assessments of pesticides;
- Risk assessment models for pesticide exposure;
- Toxicological studies on pesticides;
- Environmental monitoring of pesticide residues;
- Sustainable pest control strategies.



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Special Issue



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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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