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Analytical Methods for Food and Environmental Pollutants: Current and Future Perspectives

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Message from the Guest Editors

Dear Colleagues,

Modern environmental analytical chemistry has been described as an effort to detect an increasing number of exotic and emerging contaminants at trace levels. The acquisition of accurate chemical data in environmental systems and effective management of pollutants are essential for environmental preservation. This Special Issue aims to cover the most significant developments and innovative use of analytical methods to investigate environmentally relevant pollutants. Contributions focusing on the following areas of pollutant analysis are invited:

- Sampling (passive sampling and improving sample representativeness);
- Sample preparation (new developments for enhanced solvent extractions, alternative phases for sorptive extractions, and new configurations and strategies in microextractions);
- Analytical instrumentation (hyphenated techniques using mass spectrometry for organic pollutants, atomic spectrometry for trace metals and metalloids, and sensors and biosensors in field pollution control);
- Environmetric tools (quantitative methods and statistical evaluation).



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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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