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Analytical Methods for Toxics Determination

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Message from the Guest Editors

Dear Colleagues,

Considering that often toxic species occur in the various real matrices at extremely low concentrations, the analytical methodologies must evidently show their possible application by verifying the correctness of all the steps: sampling, sample preparation, instrumental measurement, and statistical data processing.

Another extremely important aspect concerns the fact that the development of new analytical methodologies, and the contemporary lack or inadequacy of regulations regarding the determination of toxic species in the most varied matrices.

This Special Issue aims to attract contributions on all aspects linked to the different analytical methods used for the determination of toxic species in the most varied matrices—food, environmental, forensic, biological, and so on—focusing particularly on the fundamental parameters of interest to set-up an analytical procedure, such as precision and trueness (that together give accuracy); the limits of detection and quantification; selectivity; and, especially, sensitivity.

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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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