

Special Issue

Speciation Analysis

Message from the Guest Editors

This Special Issue deals with developing new analytical procedures/methodologies dedicated to the separation and detection or identification of (i) toxic element species (bespoke methods for determination of target elemental analytes) and (ii) new chemical species (non-targeted screening methods for identification purposes), using hyphenated advanced analytical techniques combined with various sample preparation methods in wide spectrum of liquid and solid matrices (environmental, biological, clinical, food). Special emphasis will be put on (i) sample preparation and stability of chemical species; (ii) the development of new procedures dedicated to speciation analysis of various elements in different objects; and (iii) obtaining reliable measurement results by carrying out method validation, traceability assessment, and uncertainty estimation. This Special Issue will provide the opportunity to share knowledge about speciation analysis, which is essential for scientists from various disciplines and regulatory authorities.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2020)



Molecules

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CiteScore 8.6
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mdpi.com/si/26084

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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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