

Special Issue

Development and Application of Atomic Spectroscopy Techniques to Biology, Health and Veterinary Research

Message from the Guest Editor

Analytical methods for the detection and quantification of elements in biological samples are critical for the advance of research in multiple areas of human and animal health. These include the investigation of the role of the essential role of metals and metalloids in metabolism and immune responses; the development of metal-containing drugs for more effective therapeutic treatment as well as the assessment of the impact and mechanism of action of toxic metal(loid)s in biota. The complexity of the biological matrices, and the low concentration of some of the elements present in these samples make it necessary to continue the advancements in the development and validation of accurate, precise, and very sensitive atomic spectroscopy analytical techniques.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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