

Special Issue

Advances in Chemical Analysis Procedures (Part I): Extraction and Instrument Configuration

Message from the Guest Editors

This Special Issue will highlight and describe the latest innovations in instruments and techniques developed for the extraction, analysis, and characterization of drugs, bioactive compounds, and pollutants in samples that until recently were difficult to analyze. Greater attention will be paid to recent developments in sample preparation and extraction techniques, with a focus on modern detection techniques, starting with one of the stalwarts of analytical chemistry laboratories, high-performance liquid chromatography (HPLC), up to more innovative instrumentation such as mass spectrometry, mostly used in biological sciences for detection and quantization of protein. **Subtopics:** Analytical instrumental procedures; extraction procedures; novel technologies for analytical chemistry; isolation and clean-up procedures.

Guest Editors

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About the Journal

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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