

Special Issue

Recent Trends in Pharmaceutical Analysis for Drug Development, Therapeutic Monitoring and Biomarker Discovery

Message from the Guest Editors

Pharmaceutical analysis plays a central role in the development, evaluation, and ongoing monitoring of drug therapies. With the increasing complexity of both small-molecule and biologic therapeutics, analytical methods must continue to evolve in terms of sensitivity, selectivity, and regulatory compliance. This special issue invites original research articles and critical reviews that reflect current trends and developments in pharmaceutical analysis, with particular emphasis on applications in drug development, therapeutic monitoring and the identification and validation of biomarkers. Submissions focusing on bioanalytical methods, stability testing, pharmacokinetics, and quantitative analysis of drug substances and metabolites are especially encouraged.

Guest Editors

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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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