

Special Issue

Molecules Medicinal Chemistry Reviews, 2nd Edition

Message from the Guest Editors

This Special Issue aims to publish high-quality review articles that report the latest advances and challenges, and provide valuable perspectives in the field of medicinal chemistry. Medicinal chemistry continues to play a central role in drug discovery and development, bridging chemistry and biology to address urgent medical challenges and unmet therapeutic needs.

Through this Special Issue, we aim to gather contributions from scientists that will inspire innovation and guide future research in medicinal chemistry. We welcome comprehensive review papers covering, but not limited to, advances in drug design and discovery, structure–activity relationships (SARs) and pharmacophore modeling, novel synthetic methodologies relevant to medicinal chemistry, emerging therapeutic targets and strategies, applications of computational chemistry and AI in drug development, pharmacokinetics, metabolism, and toxicity considerations.

Guest Editors

Prof. Dr. Mariana Spetea

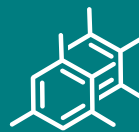
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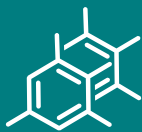


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About the Journal

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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