

Special Issue

Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, and New Hopes, 2nd Edition

Message from the Guest Editors

Following the popularity of the last Special Issue edition, we have produced a second Special Issue version. We are inviting the submission of reviews and original research articles in medicinal chemistry that cover hot topics in the discovery, design, and development of new medicines, such as new agents for the treatment of Alzheimer's disease, Parkinson's disease, schizophrenia, cancer, and COVID-19, for publication in the Special Issue "Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms."

Furthermore, studies devoted to molecular modeling, molecular dynamics, QSAR, and AI that improve the understanding of drug design and action are encouraged. Articles investigating how a drug's chemical structure impacts its pharmacodynamic and pharmacokinetic features are also welcome. We invite eminent and young academics from around the world to submit papers to this Special Issue.

Guest Editors

Prof. Dr. Rafik Karaman

Prof. Dr. Paola Fossa

Dr. Valeria Francesconi

Deadline for manuscript submissions

closed (30 November 2024)



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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 29th 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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).