



Recent Advances in Organic Synthesis towards Novel Drug Designs

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Message from the Guest Editors

Presently, the major burden of healthcare concerns chronic non-communicable diseases, with unexpected pandemics adding to the complexity of the drug discovery process. It is estimated that 80% of healthcare resources contribute towards managing chronic diseases which are prevalent in community settings. Thus, pharmaceutical development in healthcare is a business which requires the support of cutting-edge research and development.

R&D-driven innovative solutions will require a substantial understanding of medicinal chemistry, organic synthesis, digital chemistry and other related expertise. The present Special Issue of *Molecules* will serve as a valuable resource summarizing the key advances and upcoming challenges in drug discovery. We invite leaders in the topic of organic synthesis towards drug designs to contribute to this Special Issue.





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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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