



Advances in Drug Discovery and Synthesis

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Message from the Guest Editors

Dear Colleagues,

Drug discovery starts with identifying an unsatisfied therapeutic need, including assessing the adequacy of the available therapies and researching a cure for new emerging diseases. Drug discovery and development can be performed using different approaches: serendipity, selective optimization of activity of drugs or natural products, rational drug design, the synthesis of new molecular entities using the information derived from X-ray crystal structures and in silico modeling techniques, etc.

In this Special Issue, we focus on all aspects involved in the discovery of new drug candidates, e.g., the design and synthesis of biologically active molecules, new synthetic routes leading to the discovery and optimization of lead compounds, molecular modeling, bioinformatics, structure-based drug design, and crystal structure analysis. Research articles, comprehensive reviews, and short communications are welcome with the aim of collecting the most recent insights and results involving multidisciplinary approaches in the research of biologically active new molecules.

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Guest Editors





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Message from the Editor-in-Chief

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