

Special Issue

Synthesis of Drug Intermediates

Message from the Guest Editor

The development of synthetic routes for drug intermediates constitutes a key step in drug discovery and development. Over the past decades, several key reactions and strategies have been successfully developed to achieve efficient and practical syntheses of these intermediates. In addition, chemical catalysts and biocatalysts have been elegantly utilized for this purpose. Many researchers have reported green routes of synthesis that have significantly contributed to the reduction of chemical waste and improved the economy of such syntheses. In this Special Issue, we invite contributions on all aspects of synthesis of small molecule drug intermediates, including development of new syntheses, significant improvement of existing routes of synthesis, catalytic and multicomponent synthesis, as well as combinatorial synthesis. Green routes of syntheses are also welcome. This Special Issue aims to highlight the important features that are key for the synthesis of drug intermediates by presenting high-quality research and insights into new or improved synthetic routes.

Guest Editor

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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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