

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

Prof. Dr. Zaher Judeh

School of Chemical and Biomedical Engineering, Nanyang Technological University, 62 Nanyang Drive, N1.2-B1-14, Singapore 637459, Singapore

Deadline for manuscript submissions

closed (30 July 2020)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/31619

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)





Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)



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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarInLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).