

Special Issue

Small Molecule Organic Compounds: Synthesis and Medicinal Properties

Message from the Guest Editor

Small molecule drugs are synthetic medicinal chemical entities designed to mimic, enhance, or reduce the behavior of natural substances within the body. The structures of small molecule organic compounds can be designed to interact particularly with specific pharmacological targets. By modifying the atomic composition, their properties can be tuned to a specific purpose, obtaining only the anticipated response. The discovery of new drugs remains a significant challenge, involving teams of researchers from chemistry, biology, drug development, science, and informatics. This Special Issue on "Small Molecule Organic Compounds: Synthesis and Medicinal Properties" focuses on recent advances in synthesizing novel biologically active small molecule organic compounds. Topics include, but are not limited to, methods and/or applications in the following areas:

- Design and synthesis of novel bioactive small molecule organic compounds;
- Multi-step synthesis and medicinal chemistry;
- Biological evaluation of organic molecules for specific targets with molecular docking studies;
- Nitrogen-containing bio-active heterocycles with SAR studies.

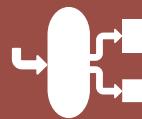
Guest Editor

Dr. Srinivasulu Cherukupalli

Department Chemistry, Norwegian University of Science and Technology, NO-7491 Trondheim, Norway

Deadline for manuscript submissions

closed (20 December 2025)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/213877

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

[mdpi.com/journal/
processes](http://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](http://mdpi.com/journal/processes)

About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))

