

Special Issue

Antitumor Activity Compounds: Design, Synthesis and Properties

Message from the Guest Editor

Cancer continues to be a major public health challenge worldwide. Despite many progresses have already been made in current therapeutic treatments against cancer, new approaches are still required to improve the efficacy of present methods. Synthetic drugs are now tending to be a promising solution in fight against aggressive tumors. Tough researchers have been taking decade to develop and modify antitumor drugs with rational design followed by synthetic methods, even to this day, the design and synthesis of more effective novel anticancer drug candidates with selective properties and minimal adverse effects is still an absolute requirement. This special issue aim to collect the most innovative discovery in the design, synthesis and properties research for antitumor activity compounds and to share a better view in this area.

Guest Editor

Dr. Hamed I. Ali

Department of Pharmaceutical Science at Rangel School of Pharmacy (RSOP), Texas A&M University, College Station, TX, USA

Deadline for manuscript submissions

closed (15 November 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/145685

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 29th 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 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).