

## Special Issue

# Design, Synthesis and Applications of New Anti-Cancer Agents

### Message from the Guest Editor

The incidence of malignancies has dramatically risen in recent years. According to the most recent report of the World Health Organization, cancer is currently the second leading cause of death worldwide, and is responsible for an estimated 9.6 million deaths in 2018. Therefore, the identification of new anticancer targets and the improvement of new therapeutic strategies are urgently needed. This Special Issue aims to disclose the most recent advances in the design and synthesis of target-based anticancer agents as well as information on new approaches and methods for the improvement of the pharmacological profile of the drugs currently available in the market.

### Guest Editor

Prof. Dr. Nicola Micale

Dipartimento di Scienze del Farmaco e dei Prodotti per la Salute,  
Università degli Studi di Messina, 98168 Messina, Italy

### Deadline for manuscript submissions

closed (31 December 2020)



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/38587](https://mdpi.com/si/38587)

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

---

### 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).