

## Special Issue

# Techniques and Strategies in Drug Design and Discovery, 2nd Edition

### Message from the Guest Editor

Drug discovery is a very complex and difficult process that involves finding and developing novel therapeutic entities. In recent years, the methodology behind drug discovery has rapidly evolved and comprises a plethora of paradigms and techniques, but there remains no perfect algorithm for guaranteed success. Despite considerable research, fortunate discoveries and the incredible intuition, inspiration, and creativity of researchers still play a vital role in the field of drug discovery, which remains popular among many scientists. Novel approaches and innovations are needed to address the dominant challenge of cost efficiency. In light of this challenge, novel approaches and innovations are imperative. To address this pressing issue, we are pleased to announce the continuation of our previous Special Issue, which is dedicated to serving as a comprehensive platform for researchers working in this field. This Special Issue provides an inclusive space for presenting recent efforts aimed at enhancing current methodologies and discovering new molecular entities.

### Guest Editor

Prof. Dr. George Mihai Nitulescu

Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Carol Davila University of Medicine and Pharmacy, Traian Vuia 6, 020956 Bucharest, Romania

### Deadline for manuscript submissions

closed (20 February 2025)



## International Journal of Molecular Sciences

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/182122](https://mdpi.com/si/182122)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

---

### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, 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), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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