

Special Issue

Techniques and Strategies in Drug Design and Discovery

Message from the Guest Editor

Drug discovery is a very complex and difficult process that involves finding and developing new 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 vitally important 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. This Special Issue aims to provide a wide and diverse platform for researchers to present their recent efforts to improve current methodologies in order to find new molecular entities. This Special Issue focuses on presenting innovative research as well as reviews of current practices involving all aspects of drug discovery and drug development.

Guest Editor

Prof. Dr. George Mihai Nitulescu

Faculty of Pharmacy, "Carol Davila" University of Medicine and Pharmacy, 6 Traian Vuia Street, 020956 Bucharest, Romania

Deadline for manuscript submissions

closed (20 June 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



mdpi.com/si/127792

*International Journal of
Molecular Sciences*
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

mdpi.com/journal/

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



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

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 (Inorganic Chemistry)