Special Issue

Development and Synthesis of Biologically Active Compounds

Message from the Guest Editors

Dear colleagues, The Special Issue entitled "Development and Synthesis of Biologically Active Compounds" will present new advances in the design, synthesis, and in vitro and in vivo biological evaluation of bioactive compounds that can lead to the development of natural or synthetic active molecules looking for promising drugs. This Special Issue welcomes papers addressing different synthetic strategies, isolation from natural sources, biological screening of compound libraries, or in silico approaches.

- organic synthesis
- heterocyclic moieties
- nature-derived molecules
- biological activity
- structure-activity relationships
- lead optimization
- drug design
- molecular modeling

Please feel free to contact us if you have any interest in our special issue.

Guest Editors

Dr. Galina A. Gazieva

Laboratory of Nitrogen-Containing Compounds, N. D. Zelinsky Institute of Organic Chemistry, Russian Academy of Science, Moscow 119991, Russia

Prof. Dr. Konstantin Chegaev

Department of Drug Science and Technology, Università degli Studi di Torino, 10125 Turin, Italy

Deadline for manuscript submissions

closed (30 January 2024)



International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/138663

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

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





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)

