

Special Issue

Stereoselective Synthesis of Chiral Synthons with Biological or Pharmacological Interest

Message from the Guest Editor

Nowadays, considerable progress has been made in the synthesis of chiral synthons applied as starting materials in asymmetric syntheses of pharmacologically active drug candidates or as auxiliaries and chiral ligands in enantioselective transformations. In asymmetric syntheses, the growing need for new chiral ligands and building blocks calls for new strategies to obtain the desired enantiopure catalysts. One of the ways to achieve this aim is the incorporation of chirality into ligands by using optically active, naturally occurring compounds widely available as starting materials. This Special Issue aims to collect the results of fundamental studies and applications in a multidisciplinary research area that enrolls chiral compounds. It will bring together novel, unique, and innovative approaches in the field of enantioselective organic synthesis, chiral catalysis, and chiral recognition studies using chiral sources, including results of pharmacological studies. Both original research papers and reviews in these fields are welcome.

Guest Editor

Prof. Dr. Zsolt Szakonyi

Institute of Pharmaceutical Chemistry, University of Szeged (SZTE), Szeged, Hungary

Deadline for manuscript submissions

closed (30 November 2019)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



mdpi.com/si/22966

*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/journal/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)