

Topical Collection

Advances in Medicinal Chemistry

Message from the Collection Editors

The main goal of this thematic issue is to provide information on the state-of-art in the field of medicinal chemistry in different areas of drug discovery and development. Special attention is focused on new biologically active compounds and synthetic strategies related to design and study of novel potential anti-viral agents, oncolytics, cardiovascular drugs, neuroprotective, cognition-enhancing compounds and some others. Novel synthetic approaches for creation multi-target-directed-ligands (MTDL), as well as monotarget strategy for drug discovery will be discussed. Contemporary approaches for improvement and focusing drug delivery on specific targets and bioavailability of drug-candidates will be provided and analyzed.

Collection Editors

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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.

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