



Synthesis and Structure of Heterocyclic and Organometallic Compounds

Guest Editor:

Prof. Dr. Antal Csámpai

Institute of Chemistry, Faculty of
Science, Eötvös Loránd
University (ELTE), Pázmány Péter
sétány 1/A, 1117 Budapest,
Hungary

Deadline for manuscript
submissions:

closed (31 May 2020)

Message from the Guest Editor

As a result of the extremely wide range of structural diversity associated with versatile synthetic accessibility and reactivity, heterocyclic and organometallic compounds, as well as their hybrid combinations are of pronounced interest in many research areas, extending our basic knowledge in chemistry and providing an extremely wide scope of results that find application in everyday life. Heterocyclic and organometallic chemistry can be regarded as partly overlapping large domains of chemical research, practically comprising not only a plethora of well-established synthetic methods, structure–reactivity correlations, and structural analyses supported by theoretical modelling studies, but an infinite range of intriguing, unrefined, and, consequently, underexplored approaches and methodologies associated with challenging unsolved synthetic and structural problems.

This Special Issue aims to collect original contributions or mini-reviews on the topics covering synthesis, application, structural elucidation, and theoretical modelling studies analyzing reactivity, with special attention to the catalytic activity of heterocyclic and organometallic compounds.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/X@Molecules_MDPI)