



an Open Access Journal by MDPI

Preparation of Heterocycles by Metal-Promoted Reactions

Guest Editors:

Dr. Julien Petrignet

Laboratoire Synthèse et
Isolement de Molécules
Bioactives (SIMBA, EA 7502),
Université de Tours, Faculté de
Pharmacie, Parc de Grandmont,
31 Avenue Monge, 37200 Tours,
France

Prof. Dr. Mauro Pineschi

Department of Pharmacy,
University of Pisa, Pisa, Italy

Deadline for manuscript
submissions:

closed (31 August 2021)

Message from the Guest Editors

Dear Colleagues,

The importance of heterocycles in the field of natural compounds and fine chemistry is well established. The diversity of heterocycles is substantial due to the many possible combinations between the nature of the heteroatom(s) (N, O, S, etc.) and of the cycle(s) (size; fused systems, etc.), just as much as the synthetic approaches for the construction of these scaffolds. This Special Issue is devoted to the latest research that is ongoing on the heterocyclic synthesis and their functionalization involving a metal-promoted step. Contributions (communications, full papers and reviews) that discuss innovative methodologies involving a metal (transition-metal or not, catalyzed or stoichiometric approaches) around known heterocyclic or poly-heterocyclic scaffolds as well as new structures are welcome.

Dr. Julien Petrignet

Prof. Dr. Mauro Pineschi

Guest Editor



mdpi.com/si/47632

Special Issue



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/Molecules_MDPI)