



Heterocyclic Compounds: Design, Synthesis, and Applications

Guest Editor:

Prof. Dr. Andrea Penoni

Dipartimento di Scienza e Alta
Tecnologia, Università degli Studi
dell'Insubria, via Valleggio 9,
22100 Como, Italy

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

In the almost two hundred years of history of synthetic organic chemistry (starting from the milestone of the Wohler's preparation of urea in 1828), heterocycles have occupied an ever-growing space both in the research of academia and industry. Novel methodologies of preparations and novel characteristics of heterocyclic products are frequently and regularly developed every day. Heterocyclic compounds play a fundamental role in everyday life and are the most diffuse category of organic molecules that are known as useful intermediates, interesting scaffolds, relevant building blocks, and highly valuable fine chemicals extensively used in medicinal chemistry as well as in material science. This Special Issue aims to show the multiplicity of actions that heterocycles play, representing an enormous class of products. I have the privilege and honor to serve as Guest Editor for this Special Issue of *Molecules* on "Heterocyclic Compounds: Design, Synthesis, and Applications". I would thus like to invite all those who are involved in heterocyclic chemistry to participate and contribute to this 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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)