



an Open Access Journal by MDPI

Advances in Heterocyclic Synthesis

Guest Editor:

Prof. Dr. Francesca Marini

Department of Pharmaceutical Sciences, University of Perugia Via del Liceo 1, 06100 Perugia, Italy

Deadline for manuscript submissions: **31 August 2024**

Message from the Guest Editor

Dear Colleagues,

Heterocycles have a great impact in several areas of chemical research such as organic, bioorganic, medicinal and material chemistry. Such compounds are valuable ligands, auxiliaries or catalysts as well as key synthetic intermediates in organic synthesis. Moreover, heterocycles represent structural cores of bioactive natural products, pharmaceuticals, agrochemicals, polymers and materials. Given the widespread interest, a number of new methodologies for assembling the and the functionalization of heterocycles continues to appear every year in the literature. This Special Issue aims to present new developments in the field of heterocyclic chemistry. Potential topics include (but are not limited to) sustainable synthesis of heterocyclic compounds, one-pot or multicomponent reactions, synthesis of biologically relevant heterocycles.

Prof. Dr. Francesca Marini *Guest Editor*



Specialsue





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