



Pyrazine Derivatives

Guest Editor:

Dr. Maria João Queiroz

Centro de Química, Universidade do Minho (CQ/UM), Campus de Gualtar, 4710-057 Braga, Portugal

Deadline for manuscript submissions:

closed (30 June 2020)

Message from the Guest Editor

Dear Colleagues,

Pyrazine and its derivatives constitute an important class of heterocyclic compounds that are present in many natural products and can be synthesized chemically or biologically. Pyrazine-containing drugs are also extensively used for different therapeutic purposes. Besides that, pyrazine derivatives have applications as dyes, electroluminescent materials, organic semi-conductors, and as suitable ligands in coordination chemistry.

The pyrazine nucleus is present in many polycyclic compounds of biological significance such as quinoxalines and phenazines and bio-luminescent natural products such as pteridines and flavins. Condensed systems containing pyrazine and other heterocyclic scaffolds have given rise to compounds with several biological activities.

Researchers in the field are cordially invited to submit relevant manuscripts to the synthesis of pyrazine derivatives and their use in the construction of condensed systems for a Special Issue, 'Pyrazine Derivatives', within the journal *Molecules*. Moreover, contributions regarding their potential applications are also welcome.

Prof. Dr. Maria João Queiroz

Guest Editor





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 molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of 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 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

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](#)