

Special Issue

Heterocyclic Compounds in Medicinal Chemistry, 2nd Edition

Message from the Guest Editors

Most of the organic compounds used as therapeutics, as well as intermediates utilized for their synthesis, contain heterocyclic motifs. A heterocycle is a ring with at least one atom that is not carbon. Nitrogen, oxygen, and sulfur are the primary elements seen in common heterocycles, and they play a critical role in drug discovery. Furthermore, there are a plethora of natural products which are heterocycles that serve as the basis for many different substances, including alkaloids, vitamins, hormones, dyes, antibiotics, herbicides, or nutraceuticals. Over the past decades, much attention has been devoted to the development and pharmacological studies of heteroaromatic organic compounds that are currently considered privileged scaffolds for different therapeutic agents. Indeed, they are involved in a wide range of biological activities, representing nearly 60% of all FDA-approved drugs. This Special Issue will publish research papers with topics including, but not limited to, the preparation of aromatic and non-aromatic heterocycles endowed with any biological action.

Guest Editors

Dr. Valentina Noemi Madia

Istituto Pasteur-Fondazione Cenci Bolognetti, Dipartimento di Chimica e Tecnologie del Farmaco, Sapienza University of Rome, p.le Aldo Moro 5, I-00185 Rome, Italy

Dr. Davide Ialongo

Istituto Pasteur-Fondazione Cenci Bolognetti, Dipartimento di Chimica e Tecnologie del Farmaco, Sapienza University of Rome, p.le Aldo Moro 5, I-00185 Rome, Italy

Deadline for manuscript submissions

25 September 2025



Pharmaceuticals

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/220266

Pharmaceuticals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceuticals@mdpi.com

[mdpi.com/journal/
pharmaceuticals](https://mdpi.com/journal/pharmaceuticals)





Pharmaceuticals

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



[mdpi.com/journal/
pharmaceuticals](https://mdpi.com/journal/pharmaceuticals)



About the Journal

Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us. We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)