Special Issue

Naphthoquinone in Medicinal Chemistry

Message from the Guest Editors

Quinones represent a class of natural products of great structural diversity with a wide distribution in nature and can be found in various plants, fungi, bacteria, and insects. Among this family, the class of naphthoguinones has significant prominence, both for its great versatility of application in organic synthesis and for its remarkable applications in medicinal chemistry. This biological diversity is closely related to its good synthetic accessibility, since many substances can be obtained from the base structure of naphthoguinones. In addition to the discovery of new natural products, the synthesis of new molecules through innovative methodologies has also contributed to the great expansion of this subgroup in recent decades. Among the protocols used to obtain new compounds are carbonyl additions and the introduction of groups on the benzene ring and the quinonoid ring.

The journal *Pharmaceuticals* invites both reviews and original articles presenting the historical importance of naphthoquinones in medicinal chemistry and the latest findings published. The collection of manuscripts will be published as a Special Issue of the journal.

Guest Editors

Dr. David Rodrigues da Rocha

Departamento de Química Orgânica, Instituto de Química, Universidade Federal Fluminense, Rua Outeiro São João Batista, Niterói 24020-141, RJ, Brazil

Dr. Fernando de Carvalho da Silva

Departamento de Química Orgânica, Instituto de Química, Universidade Federal Fluminense, Niterói 24020-141, RJ, Brazil

Deadline for manuscript submissions

closed (15 February 2023)



Pharmaceuticals

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/119697

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

mdpi.com/journal/ pharmaceuticals





Pharmaceutica

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.7 Indexed in PubMed



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*.

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)

