

Special Issue

Quercetin and Its Complexes for Medicinal Applications

Message from the Guest Editors

Quercetin is one of the most abundant and frequently studied flavonoids in nature. It is frequently studied in dietary products and in many medicinal plants. This compound has attracted extensive interest due to typical effects of flavonoids such as anti-inflammatory, analgesic, anti-rheumatic, antioxidant, and anti-tumor which gives it a wide potential for use in the treatment of several diseases. Despite many advances in our understanding and use of this compound, to date, many of the pharmacological effects and medicinal properties of quercetin have not been fully unraveled. In this Special Issue, we focus on the most recent advances in our understanding of the role and mechanism of action of quercetin from medicinal plants and dietary products using innovative techniques and approaches that can relate quercetin to a medicinal property or improvement of bioavailability which increases the medicinal applicability of this compound.

Guest Editors

Dr. Luiz Leonardo Saldanha

Swiss Federal Research Station Agroscope, 1964 Conthey, Switzerland

Dr. Thais Fernanda de Campos Fraga-Silva

Department of Biochemistry and Immunology, Ribeirao Preto Medical School, University of Sao Paulo, Ribeirao Preto 14049-900, Brazil

Deadline for manuscript submissions

closed (30 June 2022)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/93005

Life

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

mdpi.com/journal/

life





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)