



*life*



an Open Access Journal by MDPI

## Quercetin and Its Complexes for Medicinal Applications

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)**

### 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.



[mdpi.com/si/933005](https://mdpi.com/si/933005)

**Special** Issue



*life*



an Open Access Journal by MDPI

## 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

## 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.

## 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](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

## Contact Us

---

*Life* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/life](http://mdpi.com/journal/life)  
[life@mdpi.com](mailto:life@mdpi.com)  
[X@Life\\_MDPI](#)