



*life*



an Open Access Journal by MDPI

## Hyperglycemia: From Pathophysiology to Therapeutics

Guest Editor:

**Prof. Dr. Juei-tang Cheng**

Institute of Medical Research,  
Chang Jung Christian University,  
Tainan 71101, Taiwan

Deadline for manuscript  
submissions:

**closed (31 May 2022)**

### Message from the Guest Editor

Hyperglycemia, a marked elevation in blood glucose, is widely observed in humans. An understanding of hyperglycemia is important and useful in life science.

Before now, low levels of insulin and/or higher glucagon were known to contribute to the induction of hyperglycemia. Recently, many novel endogenous substances that may also contribute to hyperglycemia have been identified, such as incretins, hepatokines, microRNAs, and others. The role of these substances in glycemic regulation remains obscure. Therefore, we wish to initiate the interest of researchers focusing on this topic.

Moreover, the treatment of hyperglycemia through natural products or others is also widely applied. Considering the high interest in the development of new method(s) and/or substance(s) for the reduction of hyperglycemia, this Special Issue also aims to contribute to the overall knowledge of therapeutics from various aspects, including local traditional medicines and/or alternative medications.

This Special Issue welcomes scientific papers including reviews, opinions, original research articles, etc, targeting hyperglycemia, from pathophysiology to therapeutics.



[mdpi.com/si/84980](https://mdpi.com/si/84980)

# 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 - Q2 (*Biology*) / CiteScore - Q2 (*Paleontology*)

## Contact Us

---

*Life* Editorial Office  
MDPI, St. Alban-Anlage 66  
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](#)