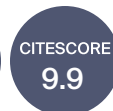




cells



an Open Access Journal by MDPI

Inflammation: The Major Player in Metabolic Syndrome

Guest Editor:

Dr. Zhenwei Gong

1. Department of Pediatrics,
University of Pittsburgh School of
Medicine, Pittsburgh, PA 15224,
USA

2. Division of Endocrinology,
UPMC Children's Hospital of
Pittsburgh, Pittsburgh, PA 15224,
USA

Deadline for manuscript
submissions:

20 October 2024

Message from the Guest Editor

Inflammasomes are part of the innate immune system. They are intracellular oligomers that act as receptors and sensors that regulate the production of interleukin (IL)-1 β and IL-18 in response to infectious microbes or molecules.

Recent research has demonstrated that inflammasomes are also involved in the regulation of energy metabolism and whole-body glucose homeostasis, indicating that inflammasomal proteins could be novel targets for treating metabolic disorders. Thus, this Special Issue aims to highlight recent advances in our understanding of the role of inflammasomes in energy metabolism, glucose homeostasis, and underlying molecular mechanisms. We invite you to submit your original research articles as well as review articles to facilitate the understanding of this newer field.



mdpi.com/si/192252

Special Issue



cells



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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](#), [MEDLINE](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](https://twitter.com/Cells_MDPI)