

Special Issue

Inflammation: The Major Player in Metabolic Syndrome

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.

Guest Editor

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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.

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