

Special Issue

Sepsis: From Molecular Mechanisms, Pathophysiology to Novel Therapeutic Approaches 4.0

Message from the Guest Editor

It is our pleasure to announce the launch of the Special Issue of IJMS, entitled “Sepsis: From Molecular Mechanisms, Pathophysiology to Novel Therapeutic Approaches 4.0”. Considering that antibiosis, the eradication of the focus, and intensive care supply are the only treatment regimens suitable for patients suffering from sepsis, it is obvious that new therapies are required. Because the anamneses of patients are very heterogeneous, characterizing mechanistic details associated with sepsis initiation or progression will be helpful to setting up new therapeutic approaches.

Review and original articles that cover, but are not limited to, the following topics are welcome:

Cell culture studies, characterizing and/or identifying new factors involved in sepsis development;
The role of immune cell subpopulations in sepsis progression;
Animal models providing mechanistic insights of underlying principles leading to sepsis;
Therapeutic approaches to prevent or cure sepsis and future perspectives;
Definition of new sepsis biomarkers;
Characterization of putative subgroups of sepsis patients with a similar origin of sepsis.

Guest Editor

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Deadline for manuscript submissions

closed (30 May 2024)



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About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

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