



an Open Access Journal by MDPI

10th Anniversary of Biomedicines—Sepsis: Diagnostics and Therapeutics

Guest Editors:

Dr. Tsukasa Nakamura

Division of Nephrology,
Department of Internal Medicine,
Kashiwa Forest Clinic, Kashiwa,
Chiba, Japan

Dr. Eiichi Sato

Division of Nephrology,
Department of Internal Medicine,
Shinmatsudo Central General
Hospital, Matsudo, Chiba, Japan

Deadline for manuscript
submissions:

closed (15 November 2022)

Message from the Guest Editors

The recently-modified Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3) defines sepsis as a “life-threatening organ dysfunction caused by a dysregulated host response to infection” and septic shock as “a subset of sepsis in which particularly profound circulatory, cellular, and metabolic abnormalities are associated with a greater risk of mortality than with sepsis alone”. Sepsis-3 guidelines still prompt debate and discussion, such as the requirement for a serum lactate level to diagnose septic shock, or use of the quick sepsis-related organ failure assessment (SOFA) score in the diagnosis of sepsis. Further detailed verification is required for reevaluation and future revision of Sepsis-3.

This Special Issue of the *Biomedicines* will focus on sepsis, and report new insights into epidemiology, pathophysiology, diagnosis, biomarkers, and treatment. In addition, other morbidities and renal replacement therapy, including acute kidney injury and hemodiafiltration, are associated with sepsis, and submissions dealing with these conditions are welcome.



mdpi.com/si/106354

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](https://twitter.com/Biomed_MDPI)