



10th Anniversary of Biomedicines—Sepsis: Diagnostics and Therapeutics

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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.





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Message from the Editor-in-Chief

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