

## Special Issue

# Diagnostic and Therapeutic Advances in the Management of Sepsis and Septic Shock

### Message from the Guest Editor

We are delighted to present this Special Issue of the International Journal of Molecular Sciences: “Diagnostic and Therapeutic Advances in the Management of Sepsis and Septic Shock”. The conceptual framework for the diagnosis of sepsis, septic shock and endotoxic shock has multiple steps, including an initial evaluation of the etiology and clinical features, assessment of the primary hemodynamic manifestations, and consideration of the alterations in cellular biology and the degree of local tissue injury. The identification of biomarkers is particularly important to understand molecular mechanisms and diagnose sepsis, enabling early intervention, which can reduce the risk of death. Many adjunctive treatments in septic shock target perturbations in the innate immune response and coagulation cascade. An example of this is extracorporeal blood purification therapy, which has been proposed to improve outcomes in patients with sepsis. Therefore, IJMS is proud to offer this platform to promote and highlight valuable research on “Diagnostic and Therapeutic Advances in the Management of Sepsis and Septic Shock”.

### Guest Editor

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### Deadline for manuscript submissions

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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.

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### Editor-in-Chief

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