



## Biomarkers of Sepsis

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### **Message from the Guest Editor**

Dear Colleagues,

Sepsis is a highly complex disease caused by a deregulated host response to infection. It has been recently recognised as a global health priority by the World Health Organization due to its high mortality and morbidity. The rapid detection of sepsis is crucial in order to prevent adverse outcomes and reduce mortality by promptly starting the treatment. Indeed, it has been estimated that each hour of treatment delay is associated with a 7–10% increase in sepsis-related mortality. However, the early diagnosis of sepsis remains challenging because it is characterised by no specific signs and symptoms. Thus, many efforts have been made to identify reliable biomarkers for screening patients at high risk of sepsis. Additionally, sepsis biomarkers could provide information on prognosis and guide and monitor therapy. Thus, sepsis biomarkers represent a precious tool for clinical decision-making and for improving patient management.

This Special Issue will address the current advances in biomarkers in sepsis.

Prof. Dr. Marcello Ciaccio

*Guest Editor*





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