

Special Issue

Sepsis: Immunopathology, Patient Classification and Clinical Management

Message from the Guest Editor

Sepsis is a multifaceted syndrome that is understood to be initiated by an abnormal reaction to infection, leading to life-threatening organ dysfunction. For decades, an abnormal inflammatory response to infection was considered to be central to the pathogenesis of sepsis. It is now evident that the host response is altered in a more complex way, involving persistent excessive inflammation, immune suppression, and a failure to restore normal homeostasis. It may be argued that those alterations may reflect a fundamental reorganization of immune and metabolic cell processes; however, it remains difficult to create an overarching framework of the key drivers in sepsis immunopathology versus changes that are secondary and less decisive to patient outcome. Improving our understanding of sepsis pathophysiology is critical for the development of precise therapeutics and patient management. Therefore, this Special Issue is dedicated to advances in sepsis immunopathology, patient classification, and clinical management.

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