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The Role of Extracellular Vesicles in Cell Communication and Inflammation

Guest Editor

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Message from the Guest Editor

Extracellular vesicles (EVs) have been defined as nanosized vesicles that are shed into the extracellular space. First identified in differentiating reticulocytes three decades ago, EVs were thought to be the waste disposal system of cells which aided in the elimination of cellular waste However, extensive studies over the past two decades have been crucial for introducing a paradigm shift by ascertaining a more sophisticated role of EVs. Intercellular communication is no longer thought to be a consequence of only direct cell-cell contact or secreted factors such as hormone signalling. EVs work by delivering the sequestered cargo to cells in close vicinity, as well as distant sites in the body, regulating pathophysiological processes. Cell death and inflammation are biologically crucial processes in both normal physiology and pathology. These processes are indistinguishably linked, with their effectors modulating the other process. This Special Issue welcome articles or reviews on the types of extracellular vesicles known to date and their roles in mediating immune responses leading to cell death and inflammation, with specific focus on sepsis and lung inflammation.













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Message from the Editor-in-Chief

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