

Special Issue

The Role of Extracellular Vesicles in Cell Communication and Inflammation

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.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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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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