

Special Issue

Role of Extracellular Vesicles in Immunology: Second Edition

Message from the Guest Editors

Cells can communicate in different ways by means of soluble factors or cell-to-cell contact; however, an increasing body of evidence has recently demonstrated that cells can communicate through the release of extracellular vesicles (EVs), including exosomes, microvesicles, and apoptotic bodies. EVs are particles composed of an outer lipid bilayer of variable sizes. During the immune response, they are selectively loaded with immune regulatory proteins, such as cytokines, making them important messengers in terms of delivering targeted biological signals. Vesicular signaling has now emerged as a critical component of innate immunity that orchestrates the actions of multiple immune system cells in infectious and inflammatory diseases. In this Special Issue, we welcome manuscripts addressing original research and review papers as well as short communications highlighting the characteristics of EVs.

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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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