

Special Issue

The Role of Extracellular Vesicles and Exosomes in Cell-to-Cell Communication: Foundation for Biomedical Applications

Message from the Guest Editor

Extracellular vesicles have become an interesting topic of research. Once considered cellular waste material, they are now recognized as one of the pivotal mechanisms of cell-to-cell communication. Their biology and therapeutic use have been investigated in different disciplines, ranging from cellular and molecular biology, to immunology, neuroscience, reproductive and regenerative medicine, odontology, among others.

These investigations have helped to unravel the conditions by which vesicles are released, their cell of origin, and their external and internal compositions. In the context of disease treatment, knowing the nature of this cargo constitutes a source of profound relevance as it reveals potential targets for therapy. This Special Issue invites any manuscripts which (original research and review articles) cover different aspects of extracellular vesicles research under the scope of a biomedical view. Potential topics include basic science, translational medicine, and applied sciences, or any research area that aids in deciphering the role of extracellular vesicles in biology.

Guest Editor

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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.

Editor-in-Chief

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