

## Special Issue

# Current Insights into the Role of Exosomes in Intercellular Communication

### Message from the Guest Editor

Exosomes are extracellular vesicles (EVs) ranging in diameter from 30 to 150nm. Formed by the endosomal membrane, they are practically secreted from all types of cells and cell microenvironments. In the human body, they travel in bodily liquids including the blood, saliva, urine, etc. Exosomes contain thousands of molecules, including nucleic acids of all types, proteins, and lipids, reflecting the molecular makeup of their cells of origin. Upon travelling in bodily liquids, they may be engulfed by other recipient cells, where they release their cargo. Since part of the molecular cargo is biologically active, it may interfere with the host cells' signal transduction pathways upon their cellular integration. Therefore, exosomes are considered mediators of cell-cell communications. As such, their roles in numerous biological activities are continuously being reported. For this Special Issue of *IJMS*, we are gathering manuscripts focusing on the various roles of exosomes in cell-cell communications in all biological systems.

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### Deadline for manuscript submissions

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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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