



Roles and Applications of Extracellular Vesicles in Health and Diseases

Guest Editor:

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Message from the Guest Editor

Extracellular vesicles (EVs) are small nano-sized particles that are constantly produced and secreted by cells. Since EVs originate from cells, they contain cellular components such as proteins, lipids, carbohydrates, DNAs, and RNAs. They facilitate cell-to-cell communication through transferring those encapsulated components. As central mediators of intercellular communication, EVs play important roles in the pathogenesis of various diseases, such as cancer progression and metastasis. In this context, understanding the roles of EVs in health and disease is essential for the practical applications of EVs in therapy and diagnosis.

The Special Issue of *International Journal of Molecular Sciences*, “Roles and Applications of Extracellular Vesicles in Health and Disease”, will focus on (1) biogenesis or biochemical properties of EVs, (2) functional analysis of EVs in health and disease, (3) engineering EVs for therapeutic development, and (4) EV-based diagnosis. Experimental papers, up-to-date review articles, and commentaries are all welcome.





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Message from the Editor-in-Chief

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