

Special Issue

Roles and Function of Extracellular Vesicles in Diseases 2.0

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 play key roles in cell-to-cell communication through the transfer of 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 and function of EVs in our bodies is essential for the practical application of EVs in therapy and diagnosis. This Special Issue of the *International Journal of Molecular Sciences*, “Roles and Function of Extracellular Vesicles in Disease”, will focus on (1) biogenesis or biochemical properties of EVs, (2) functions of EVs, (3) engineering EVs for therapeutic development, (4) development of novel EV sources, and (5) EV-based applications in therapy and diagnosis. Experimental papers, up-to-date review articles, and commentaries are all welcome.

Guest Editor

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