Special Issue

Function, Diffusion and Transport Processes of Extracellular Vesicles

Message from the Guest Editor

Extracellular vesicles (EVs) are now considered as essential biological macromolecules that are surrounded by lipid bilayers and released from most cell types in our body. Their emerging role suggests that EVs regulate various physiological processes, including immune response, vascular functions, tumorigenesis, neuronal functions, as well as metabolism via intercellular communications. However, it has not been clearly suggested or demonstrated how EVs are released from cells, diffused into our body, and transported to specific cell types to have biological/physiological functions. This question is fundamental to develop novel biomarkers and potential clinical applications using EVs. This Special Issue on "Function, Diffusion and Transport Processes of Extracellular Vesicles" aims to provide novel concepts and clear evidence of EV trafficking in various disease states. Topics include but are not limited to:

- Release mechanism of EVs;
- Trafficking process and mechanism of EVs;
- Transportation mechanism of EVs;
- Regulation of EV trafficking process in disease states.

Guest Editor

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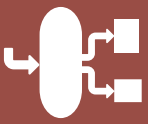

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