



Extracellular Vesicles as Biomarkers of Diseases

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Message from the Guest Editors

This issue aims at summarizing the most recent literature on extracellular vesicles (EVs) as disease biomarkers, as well as candidates for cell-free therapeutic approaches.

EVs (a terminology that encompasses microparticles, exosomes, and apoptotic bodies among others) are active players of cell-to-cell communication and convey fundamental information between cells. These microstructures contain proteins, lipids, and genetic information able to modify the phenotype and function of the target cells. EVs carry specific markers of the cell of origin, which could reveal the state of the cell and could be used to diagnose diseases. Indeed, EVs have attracted considerable interest in the metabolic diseases such as obesity or diabetes, in cardiovascular diseases field as reservoirs of molecules produced during arterial remodelling, in the pathogenesis of neuro-degenerative *diseases such as Parkinson and Alzheimer's diseases*, but also in the cancer domain. In this Special Issue, we would like to receive experimental and clinical articles or reviews about how EVs can be identified as biomarkers of diseases.





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