

Special Issue

Extracellular Vesicles as Biomarkers of Diseases

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.

Guest Editors

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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