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## Extracellular Vesicles as a Source of Biomarkers for Neurodegenerative Disorders Propagation

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Deadline for manuscript submissions:

**closed (15 January 2023)**

### Message from the Guest Editors

Dear Colleagues,

Extracellular vesicles (EVs) are membrane-enclosed nanosized particles released by cells that participate in intercellular communication through the transfer of biological material. EVs include exosomes that are small vesicles, they function as natural carriers of a wide variety of genetic material and proteins. Indeed, exosomes appear to be involved in intercellular communication and the maintenance of intracellular homeostasis. Their involvement in health and age-associated processes is critical for several neurological diseases. Exosomes of specific cell origins can provide important information about promising biomarkers for a myriad of diseases. The accumulation of protein aggregates is a common pathological hallmark in many neurodegenerative diseases, including Alzheimer Disease, Parkinson Disease, Huntington Disease, Amyotrophic Lateral Sclerosis and prion diseases.

The aim of this Special Issue is to provide an overview of novel discoveries in the emerging field of EVs, the role of exosomes in CNS homeostasis, their possible contributions in the development of neurodegenerative diseases, and the effectiveness of exosome cargo as biomarkers of disease.



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**Special** Issue



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