Special Issue

Extracellular Vesicles as a Source of Biomarkers for Neurodegenerative Disorders Propagation

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2023)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/96244

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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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