

Special Issue

Exosomes and Extracellular Vesicles in Health and Disease

Message from the Guest Editor

Extracellular vesicles (EVs, including exosomes and other membrane-bound packets) are released by all cells under all conditions, ranging from homeostatic equilibrium to states of stress. In states of disease, these EVs may adaptively ameliorate the disease state or may contribute to the pathogenesis of the disease. Furthermore, they are being investigated through 'liquid biopsies' for various diseases and biological conditions.

The purpose of this Special Issue is to examine EV heterogeneity, biogenesis, and specific attributes of EVs as they relate to the balance between tissue repair versus cell death, tumor growth versus tumor regression, immune activation versus immune suppression, proliferation versus senescence, system-based integrity versus degradation, and other conditions that relate to health and disease. In providing this overview, this Special Issue will delineate the current foundations and tools for the next steps toward determining the roles of EV in pathogenesis and therapeutic strategies for the treatment of a wide range of diseases.

Guest Editor

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About the Journal

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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