



The Role of Extracellular Vesicles in Pathogenesis and Therapeutic Strategies

Guest Editor:

Dr. Allan Stensballe

Department of Clinical Medicine,
Aalborg University, 249 Selma
Lagerløfs Vej, 9260 Gistrup,
Denmark

Deadline for manuscript
submissions:

closed (31 October 2020)

Message from the Guest Editor

Dear Colleagues,

Extracellular vesicles (EVs) are emerging as a valuable source for novel liquid biomarkers, insight into systemic signaling and theranostic tools. EVs, including exosomes and other membrane-bound packets, are released by all cells under a range of conditions, ranging from homeostatic equilibrium to states of cellular stress.

In states of disease, these EVs, depending on their origin, may adaptively ameliorate the disease state or may contribute to the pathogenesis of the disease. Furthermore, because they are released from intercellular spaces into the circulation, they are being investigated through 'liquid biopsies' for various diseases and biological conditions.

The purpose of this Special Issue is to address specific attributes of EVs as liquid biomarkers for personalized medicine. In providing this overview, this Special Issue will delineate the current foundations and tools for the next steps toward the application of EV in therapeutic strategies for the treatment of a wide range of diseases.

Assoc. Prof. Allan Stensballe
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within *Scopus*, *SCIE (Web of Science)*, *PubMed*, *PMC*, *CAPLus / SciFinder*, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
X@Biomed_MDPI