

Special Issue

Extracellular Vesicles and Exosomes: Composition and Function

Message from the Guest Editors

Extracellular vesicles (EVs) consist of various membrane-bound vesicles, such as microvesicles, exosomes, ectosomes, microparticles and oncosomes.

The field of extracellular vesicles (EVs) (often also interchangeably referred to as exosomes and vice versa) is currently the most popular domain of research in various aspects of biology and medicine. Exosomes and EVs facilitate various biological functions, such as homeostasis, cancer, infectious diseases, metabolic disorders, genetic diseases, diabetes, etc. EVs and exosomes are the most common intercellular messenger with different types of cargo molecules (DNA, miRNA, proteins and lipids), which reflect the characteristics of the origin cell and facilitate intercellular communication.

This Special Issue aims to explore EVs, starting from EV membrane composition or structures to the advance level of their application in intercellular communication. In this Special Issue, original research articles and reviews are welcome.

Guest Editors

Dr. Prashant Kumar

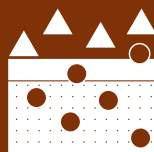
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Deadline for manuscript submissions

closed (31 July 2023)



Membranes

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Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed



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About the Journal

Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open access journal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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