

Special Issue

Exosomes—Nanocarriers for Better Medicine

Message from the Guest Editors

Exosomes are membrane-derived nano-vesicles of about 30–200 nm in size released by all types of cells. Our increasing knowledge of why cells release exosomes and their role in intercellular communication has revealed their very complex and sophisticated contributions to health and disease. There are many exciting medical applications for Exosomes:

Diagnosis. Exosomes represent an ideal noninvasive biomarker as they can be detected in bodily fluids.

Therapeutic agent. Exosomes can recognize specific cells, so they can deliver therapeutic cargos with better efficacy and less toxicity than other bio-vehicles (e.g., liposomes).

Injected exosomes are efficient at entering other cells and can deliver a functional cargo with minimal immune clearance.

Some researchers are exploring the use of exosomes in enhancing antitumor immune responses. Over the next few years, several important developments are expected to strengthen and expand the current knowledge of exosomes. Exosomes should not be regarded as a future topic in medicine but rather the current one.

Guest Editors

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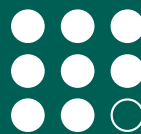
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Message from the Editor-in-Chief

Journal of Personalized Medicine (JPM), ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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