

Special Issue

Research and Role of Organelles in Medicine

Message from the Guest Editor

The development of modern medicine involves the search for new molecular targets for the treatment of various diseases. Such targets include membrane-bound and proteinaceous organelles, which are the control elements of the cell. Mitochondria-targeted approaches may support cellular energetics in multiple pathologies or, conversely, induce tumor cell death. A number of diseases may lead to dysfunction of the endoplasmic reticulum and impairment of intra- and extracellular signaling pathways. Changes in the processes of autophagy may also accompany various disorders. The Special Issue focuses on current medical research that highlights the importance of intracellular organelles in the prevention and treatment of human diseases. Contributions will include, but not be limited to, papers dealing with mitochondrial dysfunction, ER stress, autophagy, etc. Overall, the information in this Special Issue will facilitate the development of targeting personal therapeutics of greater clinical value.

Guest Editor

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Deadline for manuscript submissions

closed (1 October 2021)



Journal of Personalized Medicine

an Open Access Journal
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CiteScore 6.0
Indexed in PubMed



mdpi.com/si/55352

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About the Journal

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).