



Research and Role of Organelles in Medicine

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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.





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Message from the Editor-in-Chief

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