

Special Issue

Innovation in Mitochondrial Therapeutics: Pharmaceuticals, Phytochemicals and Nutritional Strategies

Message from the Guest Editor

We are launching a Special Issue on mitochondrial drugs given the strong interest in the therapeutic modulation of organelle functions in a large number of human diseases. There is a tremendous unmet need for the discovery of medicine acting on the mitochondrion and recent efforts brought new and repurposed molecules to the clinical trial stage. The time has come to give an overview on mitochondrial drug research and to discuss strength and weaknesses, efficacy and toxicity, mechanism of action and resistance, linked with the different approaches. Mitochondrial drugs have implications for the treatment of cancer, rare diseases, metabolic diseases, neurodegenerative disorders and infections so that research at the frontier of these disciplines has emerged in the recent years. In this Special Issue we foster the participation of specialists from both academia and industry to strengthen the translatability of mitochondrial drug discovery.

Guest Editor

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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