Special Issue

Mitochondrial Metabolism in Cancer Prevention and Treatment

Message from the Guest Editor

It is long believed that impairment of mitochondrial oxidative phosphorylation is the cause of this glycolytic phenotype observed in cancers. However, studies in cancer metabolism have revealed that mitochondrial function in many cancers is intact. It has also been observed that cancers utilize various forms of metabolism. The various metabolic phenotypes are employed by cancer cells have a common purpose, to balance macromolecular biosynthesis, cellular reducing power, and sufficient ATP production to support rapid proliferation and accompanied survival threat characteristic of these aberrant cells. These metabolic pathways are attractive targets for possible therapeutic interventions and currently, research is underway to meet this end.

Guest Editor

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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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